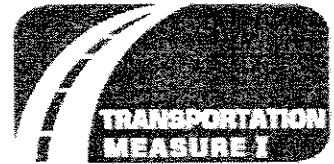




## San Bernardino Associated Governments

1170 W. 3<sup>rd</sup> Street, 2<sup>nd</sup> Floor, San Bernardino, CA 92410  
Phone: (909) 884-8276 Fax: (909) 885-4407  
[www.sanbag.ca.gov](http://www.sanbag.ca.gov)



- 
- San Bernardino County Transportation Commission •San Bernardino County Transportation Authority
  - San Bernardino County Congestion Management Agency •Service Authority for Freeway Emergencies
- 

## AGENDA

### Major Projects Committee

**August 9, 2007**

**9:00 a.m.**

#### **Location:**

**SANBAG Offices**

***The Super Chief Room***

**1170 W. 3<sup>rd</sup> Street, 2<sup>nd</sup> Floor**

**San Bernardino, CA 92410**

#### **Major Projects Committee Membership**

##### **Chair**

John Pomierski, Mayor  
City of Upland

Dennis Yates, Mayor  
City of Chino

Robert Christman, Mayor  
City of Loma Linda

##### **Vice-Chair**

Grace Vargas, Mayor  
City of Rialto

Gwenn Norton-Perry, Mayor  
City of Chino Hills

Paul M. Eaton, Mayor  
City of Montclair

Paul Biane, Supervisor  
County of San Bernardino

Kelly Chastain, Mayor  
City of Colton

Paul Leon, Mayor  
City of Ontario

Dennis Hansberger, Supervisor  
County of San Bernardino

Mark Nuaimi, Mayor  
City of Fontana

Diane Williams, Mayor Pro Tem  
City of Rancho Cucamonga

Josie Gonzales, Supervisor  
County of San Bernardino

Bea Cortes, Council Member  
City of Grand Terrace

Pat Gilbreath, Mayor Pro Tem  
City of Redlands

Gary Ovitt, Supervisor  
County of San Bernardino

Larry McCallon, Council Member  
City of Highland

Pat Morris, Mayor  
City of San Bernardino

Richard Riddell, Mayor  
City of Yucaipa

*San Bernardino Associated Governments (SANBAG) is a council of governments formed in 1973 by joint powers agreement of the cities and the County of San Bernardino. SANBAG is governed by a Board of Directors consisting of a mayor or designated council member from each of the twenty-four cities in San Bernardino County and the five members of the San Bernardino County Board of Supervisors.*

*In addition to SANBAG, the composition of the SANBAG Board of Directors also serves as the governing board for several separate legal entities listed below:*

***The San Bernardino County Transportation Commission**, which is responsible for short and long range transportation planning within San Bernardino County, including coordination and approval of all public mass transit service, approval of all capital development projects for public transit and highway projects, and determination of staging and scheduling of construction relative to all transportation improvement projects in the Transportation Improvement Program.*

***The San Bernardino County Transportation Authority**, which is responsible for administration of the voter-approved half-cent transportation transactions and use tax levied in the County of San Bernardino.*

***The Service Authority for Freeway Emergencies**, which is responsible for the administration and operation of a motorist aid system of call boxes on State freeways and highways within San Bernardino County.*

***The Congestion Management Agency**, which analyzes the performance level of the regional transportation system in a manner which ensures consideration of the impacts from new development and promotes air quality through implementation of strategies in the adopted air quality plans.*

*As a **Subregional Planning Agency**, SANBAG represents the San Bernardino County subregion and assists the Southern California Association of Governments in carrying out its functions as the metropolitan planning organization. SANBAG performs studies and develops consensus relative to regional growth forecasts, regional transportation plans, and mobile source components of the air quality plans.*

*Items which appear on the monthly Board of Directors agenda are subjects of one or more of the listed legal authorities. For ease of understanding and timeliness, the agenda items for all of these entities are consolidated on one agenda. Documents contained in the agenda package are clearly marked with the appropriate legal entity.*

San Bernardino Associated Governments  
County Transportation Commission  
County Transportation Authority  
Service Authority for Freeway Emergencies  
County Congestion Management Agency

**Major Projects Committee**

**August 9, 2007**  
**9:00 a.m.**

**LOCATION:**  
**Santa Fe Depot**  
*The Super Chief Room*  
**1170 W. 3<sup>rd</sup> Street, 2<sup>nd</sup> Floor, San Bernardino**

*CALL TO ORDER – 9:00 a.m.*  
*(Meeting chaired by Mayor John Pomierski.)*

- I. Attendance
- II. Announcements
- III. Agenda Notices/Modifications – Nessa Williams

**1. Possible Conflict of Interest Issues for the SANBAG Major Projects Meeting of June 14, 2007 Pg. 7**

Note agenda item contractors, subcontractors and agents which may require member abstentions due to conflict of interest and financial interests. Member abstentions shall be stated and recorded on the appropriate item in the minutes summary for each month.

**Consent Calendar**

Consent Calendar items shall be adopted by a single vote unless removed by Board member request. Items pulled from the consent calendar will be brought up at the end of the agenda.

**Pg. 12**

**2. Major Projects Attendance Roster**

A quorum shall consist of a majority of the membership of each SANBAG Policy Committee, except that all County Representatives shall be counted as one for the purpose of establishing a quorum.

*Notes/Action*

### **Consent Calendar Cont...**

3. **Construction Change Orders to On-going SANBAG Construction Contracts with Brutoco Engineering & Construction, Atkinson Contractors LP, Atkinson/MCM JV, Tony's Multi-Service Firm, Inc., Diversified Services, Inc., and Republic Electric** Pg. 15

Review and ratify change orders. **Darren Kettle**

### **Discussion Calendar**

4. **Design Cooperative Agreement No. C08044 with Caltrans for the Interstate 10 Westbound Lane addition** Pg. 38

Approve Design Cooperative Agreement No. C08044 with Caltrans for the Interstate 10 Westbound Lane Addition **Darren Kettle**

5. **Cooperative Agreement No. R08007 with Lowes HIW Corporation for the State Street/University Parkway Grade Separation Project.** Pg. 51

Approve Cooperative Agreement No. R08007 with Lowes HIW Corporation (LOWES) for the Street/University Parkway Grade Separation which would result in receiving an estimated \$60,000 as detailed in the Financial Impact Section. TN 87108000 **Darren Kettle**

6. **Approve Contract No. 08-002 with CH2MHill to provide final design services for the Interstate 10 Westbound Lane Addition Project** Pg. 60

Approve Contract No. 08-002 with CH2MHill to provide final design services for the Interstate 10 Westbound Lane Addition Project an amount not to exceed \$3,500,000 as described in the financial impact section below. TN 86208000 **Darren Kettle**

7. **Amendment No. 5 to Cooperative Agreement No. 95-065 with San Bernardino County Real Estate Services for right of way acquisition services** Pg. 92

1. Approve Amendment No. 5 to Cooperative Agreement No. 95-065 with San Bernardino County Real Estate Services for right of way acquisition services extending the period of performance through December 31, 2009 and increasing the not to exceed amount by \$500,000 for a new agreement total of \$1.641 million as described in the financial impact section below, and

2. Amend the 2007/08 SANBAG Budget increasing revenues and expenditures in the amount of \$250,000 in TN 82208000, \$150,000 TN 87080000, and \$100,000 in TN 81508000. Funding sources include Measure I Valley Major Projects and State Traffic Congestion Relief Program (TCRP) funds. **Darren Kettle**

8. Amendment No. 1 to Contract No. 03-037 with Terry Haines for right of way consultant services. Pg. 96

Approve Amendment No. 1 to Contract No. 03-037 with Terry Haines for right of way consultant services increasing the not to exceed amount of by \$75,000 for a new contract total of \$150,000 as described in the financial impact section below. TN 81508000 **Darren Kettle**

9. Additional Items from Committee Members

10. Brief Comments by General Public

11. Director's Comments

12. Acronym Listing

Pg. 100

**ADJOURNMENT**

The next  
Major Projects Committee Meeting is  
September 13, 2007.

## Meeting Procedures and Rules of Conduct

### **Meeting Procedures**

The Ralph M. Brown Act is the state law which guarantees the public's right to attend and participate in meetings of local legislative bodies. These rules have been adopted by the Board of Directors in accordance with the Brown Act, Government Code 54950 et seq., and shall apply at all meetings of the Board of Directors and Policy Committees.

### **Accessibility**

The SANBAG meeting facility is accessible to persons with disabilities. If assistive listening devices or other auxiliary aids or services are needed in order to participate in the public meeting, requests should be made through the Clerk of the Board at least three (3) business days prior to the Board meeting. The Clerk's telephone number is (909) 884-8276 and office is located at 1170 W. 3<sup>rd</sup> Street, 2<sup>nd</sup> Floor, San Bernardino, CA.

**Agendas** – All agendas are posted at 1170 W. 3<sup>rd</sup> Street, 2<sup>nd</sup> Floor, San Bernardino at least 72 hours in advance of the meeting. Staff reports related to agenda items may be reviewed at the SANBAG offices located at 1170 W. 3<sup>rd</sup> Street, 2<sup>nd</sup> Floor, San Bernardino and our website: [www.sanbag.ca.gov](http://www.sanbag.ca.gov).

**Agenda Actions** – Items listed on both the "Consent Calendar" and "Items for Discussion" contain suggested actions. The Board of Directors will generally consider items in the order listed on the agenda. However, items may be considered in any order. New agenda items can be added and action taken by two-thirds vote of the Board of Directors.

**Closed Session Agenda Items** – Consideration of closed session items *excludes* members of the public. These items include issues related to personnel, pending litigation, labor negotiations and real estate negotiations. Prior to each closed session, the Chair will announce the subject matter of the closed session. If action is taken in closed session, the Chair may report the action to the public at the conclusion of the closed session.

**Public Testimony on an Item** – Members of the public are afforded an opportunity to speak on any listed item. Individuals wishing to address the Board of Directors or Policy Committee Members should complete a "Request to Speak" form, provided at the rear of the meeting room, and present it to the Clerk prior to the Board's consideration of the item. A "Request to Speak" form must be completed for *each* item an individual wishes to speak on. When recognized by the Chair, speakers should be prepared to step forward and announce their name and address for the record. In the interest of facilitating the business of the Board, speakers are limited to three (3) minutes on each item. Additionally, a twelve (12) minute limitation is established for the total amount of time any one individual may address the Board at any one meeting. The Chair or a majority of the Board may establish a different time limit as appropriate, and parties to agenda items shall not be subject to the time limitations.

The Consent Calendar is considered a single item, thus the three (3) minute rule applies. Consent Calendar items can be pulled at Board member request and will be brought up individually at the specified time in the agenda allowing further public comment on those items.

**Agenda Times** – The Board is concerned that discussion take place in a timely and efficient manner. Agendas may be prepared with estimated times for categorical areas and certain topics to be discussed. These times may vary according to the length of presentation and amount of resulting discussion on agenda items.

**Public Comment** – At the end of the agenda, an opportunity is also provided for members of the public to speak on any subject within the Board's authority. *Matters raised under "Public Comment" may not be acted upon at that meeting. "Public Testimony on any Item" still apply.*

**Disruptive Conduct** – If any meeting of the Board is willfully disrupted by a person or by a group of persons so as to render the orderly conduct of the meeting impossible, the Chair may recess the meeting or order the person, group or groups of person willfully disrupting the meeting to leave the meeting or to be removed from the meeting. Disruptive conduct includes addressing the Board without first being recognized, not addressing the subject before the Board, repetitiously addressing the same subject, failing to relinquish the podium when requested to do so, or otherwise preventing the Board from conducting its meeting in an orderly manner. *Please be aware that a NO SMOKING policy has been established for meetings. Your cooperation is appreciated!*

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority  
 ■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

## *Minute Action*

### AGENDA ITEM 1

**Date:** August 9, 2007

**Subject:** Information Relative to Possible Conflict of Interest

**Recommendation\*:** Note agenda items and contractors/subcontractors, which may require member abstentions due to possible conflicts of interest.

**Background:** In accordance with California Government Code 84308, members of the SANBAG Board may not participate in any action concerning a contract where they have received a campaign contribution of more than \$250 in the prior twelve months from an entity or individual, except for the initial award of a competitively bid public works contract. This agenda contains recommendations for action relative to the following contractors:

Item No.	Contract No.	Principals & Agents	Subcontractors
3-A	04-018	Brutoco Engineering & Construction <i>Mike Murphy</i>	Ortiz – A.C. Alcorn Fencing Anderson Drilling Modern Alloys JV Landclearing Pavement Recycling ACL Moore Signs & Lighting

\*

*Approved*  
*Major Projects Committee*

*Date: August 9, 2007*

*Moved: Second:*

*In Favor: Opposed: Abstained:*

*Witnessed: \_\_\_\_\_*

Item No.	Contract No.	Principals & Agents	Subcontractors
3-A Cont...	04-018		Pacific Restoration Harbor Co. Reycon Sudhakar Avar-Campbell Franklin Reinf. Steel
3-B	05-014	Atkinson Contractors <i>Scott Lynn</i> <i>Kent Reiman</i>	All American Asphalt Modern Alloys Diversified Landscaping JV Land Clearing Valley Concrete Placing Coffman Specialties Alcorn Fence Coral Construction Sudhakar Company Dywidag Systems Highlight Electric Regional Steel Anderson Drilling
3-C	05-005	Atkinson Contractors <i>Scott Lynn</i> <i>Kent Reiman</i>  MCM <i>H McGovern</i>	All American Asphalt Modern Alloys Diversified Landscaping JV Land Clearing Valley Concrete Placing Coffman Specialties Alcorn Fence Coral Construction Sudhakar Company Dywidag Systems Highlight Electric Regional Steel



Item No.	Contract No.	Principals & Agents	Subcontractors
3-D	06-001	Atkinson Contractors <i>Scott Lyon</i> <i>Kent Reiman</i>	West Coast Demo Penhall Moore Electric CGO Construction United Steel Placers Superior Gunitite ACL Reycon Diversified Landscape Modern Alloys Statewide Safety Sudhakar Anderson Drilling DSI Ulmer Industries CTM Ortiz Asphalt Paving Alcorn Fence
3-E	06-016	Tony's Multi-Service Firm <i>Manuel Blanco</i>	Rock Structures High Light Electric W.S.S. Construction United Traffic Diversified Landscape
3-F	06-017	Tony's Multi Service Firm <i>Manuel Blanco</i>	Rock Structures High Light Electric T.E. Roberts United Traffic
3-G	06-064	Diversified Services, Inc. <i>Paul Morales</i>	Ace Fence Reycon T.E. Roberts

Item No.	Contract No.	Principals & Agents	Subcontractors
3-H	06-065	Tony's Multi-Service Firm <i>Manuel Blanco</i>	Rock Structures Innovative Electric T.E. Roberts
3-I	06-056	Republic Electric <i>James A. Wagner, P.E.</i> <i>Vice President, Engineering</i>	Jones Backhoe Service, Inc. Fiberspan Communications
3-J	07-095	Atkinson Contractors, LP <i>Scott Lyon</i> <i>Kent Reiman</i>	Sudhakar Diversified Landscape Statewide Safety and Signs Alcorn Fence Coral Construction West Coast Welding DSI Integrity Rebar CTM Construction Penhall VT Electric Ortiz Asphalt
4	C08044	Caltrans <i>Anthony Liao</i>	None
5	R08007	Lowes HIW Corporation <i>Kimberly Hysni</i> <i>Al Montes</i> <i>Todd VanDahlen</i>	None
6	08-002	CH2MHill <i>Rick Simon</i>	Boyle Engineering Associated Engineers STB Landscape Architecture
7	95-065-05	San Bernardino County Real Estate Services <i>Lou Schnepf</i>	None

8	03-037-01	Terry Haines <i>Terry Haines</i>	None
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***Financial Impact:*** This item has no direct impact on the SANBAG budget.

***Reviewed By:*** This item is prepared monthly for review by SANBAG Board and Committee members.

AGENDA ITEM 2  
MAJOR PROJECTS POLICY COMMITTEE ATTENDANCE RECORD – 2007

Name	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>Paul Eaton</b> City of Montclair		X		X	CANCELLED	X	CANCELLED					
<b>John Pomierski</b> City of Upland	X	X		X		X						
<b>Paul Biane</b> Board of Supervisors	X	X	X									
<b>Kelly Chastain</b> City of Colton	X	X	X	X		X						
<b>Robert Christman</b> City of Loma Linda	X	X	X			X						
<b>Bea Cortes</b> City of Grand Terrace	X	X	X	X								
<b>Pat Gilbreath</b> City of Redlands	X	X	X	X		X						
<b>Josie Gonzales</b> Board of Supervisors	X			X								
<b>Dennis Hansberger</b> Board of Supervisors												
<b>Larry McCallon</b> City of Highland	X	X	X			X						
<b>Patrick Morris</b> City of San Bernardino	X	X	X	X		X						
<b>Gwen Norton-Perry</b> City of Chino Hills		X										
<b>Mark Nuaimi</b> City of Fontana	X	X				X						
<b>Gary Ovitt</b> Board of Supervisors												

AGENDA ITEM 2  
MAJOR PROJECTS POLICY COMMITTEE ATTENDANCE RECORD – 2007

Name	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>Dick Riddell</b> City of Yucaipa	X	X		X	CANCELLED		CANCELLED					
<b>Grace Vargas</b> City of Rialto	X	X	X	X		X						
<b>Paul Leon</b> City of Ontario		X	X	X		X						
<b>Diane Williams</b> City of Rancho Cucamonga	X	X	X	X		X						
<b>Dennis Yates</b> City of Chino	X	X				X						

# AGENDA ITEM 2

## MAJOR PROJECTS COMMITTEE ATTENDANCE ROSTER – 2006

Name	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Paul Eaton	X	CANCELLED	X		X		X	CANCELLED	X	X	X	
John Pomierski			X	X	X	X	X		X	X		
Paul Blane	X		X	X		X	X		X			
Deirdre Bennett										X		
Kelly Chastain	X		X	X	X	X	X					
Robert Christman			X	X	X	X	X				X	
Bea Cortes	X		X	X	X	X	X		X	X	X	
Pat Gilbreath	X		X	X	X	X	X		X		X	
Josie Gonzales			X	X		X	X			X		
Dennis Hansberger			X							X	X	
Larry McCallon			X	X	X		X		X	X		
Pat Morris	(Judith Valles) X		X	X	X	X	X		X	X	X	
Gwenn Norton-Perry												
Mark Nuaimi			X		X		X		X	X	X	
Gary Ovitt	X		X	X								
Richard Riddell	X		X	X	X	X	X		X		X	
Grace Vargas (Ed Scott)	X		X			X			X	X	X	
Alan Wapner	X		X	X		X	X		X	X	X	
Diane Williams	X		X	X		X	X		X	X	X	
Dennis Yates	X					X	X					

X - attended meeting.  
The crossed-out boxes indicate members who were not on the committee as of that month.  
The empty boxes indicate member who did not attend the meeting that month.

## *Minute Action*

AGENDA ITEM: 3

**Date:** August 9, 2007

**Subject:** Construction Change Orders to On-going SANBAG Construction Contracts with Brutoco Engineering & Construction, Atkinson Contractors LP, Atkinson/MCM JV, Tony's Multi-Service Firm, Inc., Diversified Services, Inc., and Republic Electric.

**Recommendation:\*** Review and ratify change orders.

**Background:** This item addresses on-going construction contracts with Brutoco Engineering & Construction, Inc, Atkinson Contractors LP, Atkinson/MCM JV, Tony's Multi-Service Firm, Inc., Diversified Services, Inc., and Republic Electric.

As directed by SANBAG Board action on September 1, 1999, the status of construction change orders (CCOs) is presented below:

- A. CN 04-018 with Brutoco Engineering & Construction for construction of I-10 Truck Climbing Lane project: No new CCOs have been approved since the last Major Projects Committee action.
- B. CN 05-014 with Atkinson Contractors, LP for construction of SR-210 Segments 9/10/11 Mainline project: CCO No. 25, Supplement 2 (\$150,000.00 increase for additional funds to modify existing drainage facilities); CCO No. 37, Supplement 1 (\$70,000 increase to install anchor blocks and metal beam guard railing connections to abutments

*Approved*  
*Major Projects Committee*

*Date:* August 9, 2007

*Moved:* *Second:*

*In Favor:* *Opposed:* *Abstained:*

*Witnessed:* \_\_\_\_\_

and walls); CCO No. 85 (\$76,510.00 increase to construct slope paving, concrete barrier and place asphalt concrete); CCO No. 86 (\$32,000.00 increase to remove an existing wall, construct a new block wall and gate, place decomposed granite, and to relocate irrigation at the City of Rialto's pump station); CCO No. 87 (\$46,000.00 decrease to eliminate the training scheduled for the fiber optics equipment); CCO No. 88 (\$20,000.00 increase to install concrete curb and gutter, and perform asphalt pavement repair); CCO No. 89 (\$10,000.00 increase to provide additional labor, equipment and material for the "Come Play on the Freeway" pre-opening celebration); CCO No. 90 (\$79,171.95 increase to provide and install additional equipment and to splice the assignments for the Fiber Optics, Node and CCTV); and CCO No. 92 (\$5,158.90 increase to compensate for additional water service fees at the Lilac Avenue parkway); have been approved since the last Major Projects Committee action.

- C. CN 05-005 with Atkinson Contractors/MCM JV for construction of SR-210 Segment 11 Early project: No new CCOs have been approved since the last Major Projects Committee action.
- D. CN 06-001 with Atkinson Contractors, LP for construction of I-10 Median Mixed-Flow Lane project: CCO No. 31 (\$15,000.00 increase to perform field modifications for new and existing drainage facilities); CCO No. 32 (\$0.00 increase to modify the weight limitations on soundwall blocks); and CCO No. 33 (\$20,000 increase to remove and dispose of man-made buried objects) have been approved since the last Major Projects Committee action.
- E. CN 06-016 with Tony's Multi-Service Firm, Inc. for construction of SR-210 Segment 1 Landscaping: CCO No. 5, Supplement 1 (\$15,000.00 increase to remove and dispose of rock material in planting areas); and CCO No. 9 (\$2,984.10 increase to substitute bubbler heads on the UV pipe) have been approved since the last Major Projects Committee action.
- F. CN 06-017 with Tony's Multi-Service Firm, Inc. for construction of SR-210 Segment 2 Landscaping: CCO No. 8 (\$2,270.70 increase to substitute bubbler heads on the UV pipe); and CCO No. 9 (\$5,000 increase to move trees and the irrigation system in front of the Colonies' advertising sign) have been approved since the last Major Projects Committee action.
- G. CN 06-064 with Diversified Services, Inc. for construction of SR-210 Segment 3 Landscaping: CCO No. 9 (\$11,281.39 increase to remove and dispose of rock material in planting areas); and CCO No. 12



(\$10,176.00 decrease to eliminate the bid item for Header Board) have been approved since the last Major Projects Committee action.

- H. CN 06-065 with Tony's Multi-Service Firm, Inc. for construction of SR-210 Segment 4 Landscaping: CCO No. 4 (\$0.00 increase to substitute bubbler heads on the UV pipe); and CCO No. 5 (\$6,071.00 decrease to eliminate the bid item for Header Board) have been approved since the last Major Projects Committee action.
- I. CN 06-056 with Republic Electric for installation of the San Bernardino Valley Coordinated Traffic Signal System – Tier 2: CCO No. 3 (\$5,522.87 increase to locate and connect a conduit stub from the City of Rancho Cucamonga); CCO No. 4 (\$1,003.46 decrease to repair conduit and delete a new controller base); and CCO No. 5 (\$2,071.98 increase to core drill a wall, install conduit and a pull box) have been approved since the last Major Projects Committee action.
- J. CN 07-095 with Atkinson Contractors, LP for construction of the I-215 5<sup>th</sup> Street Overcrossing: No new CCO's have been approved since the last Major Projects Committee action.

***Financial Impact:*** This item imposes no financial impact, as all CCOs are within previously approved contingency amounts. TN 82407 and TN 86007.

***Reviewed By:*** This item will be reviewed by the Major Projects Committee on August 9, 2007.

***Responsible Staff:*** Darren Kettle, Director of Freeway Construction

**San Bernardino Associated Governments**  
**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**  
 SEGMENTS 9, 10, 11 MAINLINE  
 Contract No. 05-014

(Updated: 08/01/2007)

CCO NO.	DESCRIPTION (S) = With Supplemental \$	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR		C/FHWA Concurrence		SABAG Approval		DATE APPROVED	STATUS/REMARKS
									TO	FROM	TO	FROM	TO	FROM		
*CONTINGENCY & SUPPLEMENTAL WORK BUDGET >>> \$11,062,039.52 Contract Bid Amount >> \$99,383,665.18																
1	MAINTAIN ROADWAY AND TRAFFIC CONTROL ...	EWFA	0	\$45,000.00				1/27/05	1/27/05	2/2/05	1/28/05	5/20/05	2/4/05	2/8/05	2/10/05	Approved & Implemented
(S)				\$45,000.00	0.05%	\$45,000.00	\$ 11,017,039.52	6/24/05	2/10/05	<< Approved Copies						
1	ADDITIONAL FUNDS FOR CCO 1	EWFA	0	\$45,000.00					n/a	n/a	n/a	n/a	6/30/05	7/6/05	7/6/05	Approved & Implemented
S1				\$45,000.00	0.05%	\$90,000.00	\$ 10,972,039.52		7/6/05	<< Approved Copies						
1	ADDITIONAL FUNDS FOR CCO 1	EWFA	0	\$100,000.00				10/12/05	11/8/05	N/A	4/5/06	4/5/06	10/12/05	10/12/05	11/4/05	Approved & Implemented
S2				\$100,000.00	0.10%	\$190,000.00	\$ 10,872,039.52		11/8/05	<< Approved Copies (Follow Up)						
1	ADDITIONAL FUNDS FOR CCO 1	EWFA	0	\$115,000.00				3/30/06	N/A	N/A	4/5/06	7/21/06	4/3/06	4/5/06	4/5/06	Approved & Implemented
S3				\$115,000.00	0.12%	\$305,000.00	\$ 10,757,039.52		4/5/06	<< Approved Copies						
1	ADDITIONAL FUNDS FOR CCO 1	EWFA	0	\$130,000.00				11/1/06	N/A	N/A	11/3/06		11/1/06	11/7/06	11/6/06	Approved & Implemented
S4				\$130,000.00	0.13%	\$435,000.00	\$ 10,627,039.52		N/A	<< Approved Copies						
1	ADDITIONAL FUNDS FOR CCO 1 THRU 1-S4	EWFA	0	\$150,000.00				5/11/07	N/A	N/A	5/14/07		5/14/07	5/23/07	5/22/07	Approved & Implemented
S5				\$150,000.00	0.15%	\$585,000.00	\$ 10,477,039.52		5/23/07	<< Approved Copies						
2	MAINTAIN EXISTING AND TEMPORARY ELECTRICAL SYSTEM	EWFA	0	\$50,000.00				1/27/05	1/27/05	2/2/05	1/28/05	5/20/05	2/4/05	2/8/05	2/10/05	Approved & Implemented
S1				\$50,000.00	0.05%	\$635,000.00	\$ 10,427,039.52		2/10/05	<< Approved Copies						
2	ADDITIONAL FUNDS	EWFA	0	\$65,000.00				10/27/05	N/A	N/A	Follow Up Request	6/28/06	10/27/05	11/21/05	11/21/05	Approved & Implemented
S1				\$65,000.00	0.07%	\$700,000.00	\$ 10,362,039.52		11/21/05	<< Approved Copies						
3	FEDERAL APPRENTICESHIP TRAINING	ACUP	0	\$49,920.00				2/2/05	2/2/05	2/15/05	2/1/05	5/20/05	2/15/05	2/16/05	2/17/05	Approved & Implemented
(S)				\$49,920.00	0.05%	\$749,920.00	\$ 10,312,119.52		2/17/05	<< Approved Copies						
4	ACACIA CUL-DE-SAC	EWFA	0	\$5,000.00				3/4/05	3/16/05	3/22/05	3/7/05	5/20/05	3/2/05	3/28/05	3/29/05	Approved & Implemented
S1		ITEM		\$33,149.00					3/29/05	<< Approved Copies						
5	CUT, TRIM, REMOVE & DISPOSE OLEANDERS & MISC. SHRUBS ALONG ...	EWFA	0	\$35,000.00	0.04%	\$788,069.00	\$ 10,273,970.52	2/7/05	2/8/05	2/15/05	2/8/05	5/20/05	2/15/05	2/16/05	2/17/05	Approved & Implemented
S1				\$35,000.00	0.04%	\$823,069.00	\$ 10,238,970.52		2/17/05	<< Approved Copies						
5	ADDITIONAL FUNDS	EWFA	0	\$38,000.00				4/17/06	N/A	N/A	4/19/06	4/24/06	4/17/06	4/19/06	4/19/06	Approved & Implemented
S1				\$38,000.00	0.04%	\$861,069.00	\$ 10,200,970.52		4/19/06	<< Approved Copies (Courtesy)						
6	STRIPING PLANS FOR HIGHLAND DETOUR	EWFA	0	\$15,000.00				3/4/05	3/16/05	3/22/05	3/7/05	5/20/05	3/22/05	3/28/05	3/29/05	Approved & Implemented
S1		ITEM		\$16,000.00					3/16/05	<< Approved Copies						
7	REVISED PLAN SHEETS (CLARIFICATIONS)	NCNC	0	\$31,000.00	0.03%	\$892,069.00	\$ 10,169,970.52	2/15/05	3/29/05	<< Approved Copies						Approved & Implemented
S1				\$0.00					2/17/05	3/8/05	2/18/05	5/20/05	3/8/05	3/16/05	3/16/05	Approved & Implemented
8	MAN- MADE BURIED OBJECTS	EWFA	0	\$30,000.00	0.00%	\$892,069.00	\$ 10,169,970.52	3/7/05	3/16/05	<< Approved Copies						Approved & Implemented
S1				\$30,000.00	0.03%	\$922,069.00	\$ 10,139,970.52		3/29/05	<< Approved Copies						Approved & Implemented
8	ADDITIONAL FUNDS	EWFA	0	\$45,000.00	0.05%	\$967,069.00	\$ 10,094,970.52	5/25/05	N/A	N/A	Follow Up Request	6/23/06	5/23/05	5/26/05	5/25/05	Approved & Implemented
S1				\$45,000.00	0.05%	\$967,069.00	\$ 10,094,970.52		5/31/05	<< Approved Copies						

**San Bernardino Associated Governments**

SEGMENTS 9, 10, 11 MAINLINE

**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**

(Updated: 08/01/2007)

Contract No. 05-014

CCO NO.	DESCRIPTION (S) = With Supplemental \$	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR		C/FHWA Concurrence		SABAG Approval		DATE APPROVED	STATUS/ REMARKS
									TO	FROM	TO	FROM	TO	FROM		
8 S2	ADDITIONAL FUNDS	EWFA	0	\$40,000.00				11/21/05	N/A	N/A	Follow Up Request	7/5/06	11/22/05	11/29/05	11/29/05	Approved & Implemented
9	MAINTAIN UTILITY FACILITIES	EWFA	0	\$40,000.00	0.04%	\$1,007,069.00	\$ 10,054,970.52	3/7/05	11/30/05	<< Approved Copies						
				\$40,000.00					3/18/05	3/20/05	3/8/05	5/20/05	3/22/05	3/28/05	3/29/05	Approved & Implemented
9 S1	ADDITIONAL FUNDS	EWFA	0	\$30,000.00	0.03%	\$1,037,069.00	\$ 10,024,970.52	9/26/05	3/28/05	<< Approved Copies						
				\$30,000.00					N/A	N/A	6/23/06	7/5/06	9/26/05	9/28/05	9/28/05	Approved & Implemented
9 S2	ADDITIONAL FUNDS	EWFA	0	\$40,000.00	0.04%	\$1,077,069.00	\$ 9,984,970.52	7/18/06	9/28/05	<< Approved Copies						
				\$45,000.00					N/A	N/A			7/18/06	10/2/06	8/2/06	Approved & Implemented (Note: Rec'd from HL 10/2/06)
10	REMOVE TEMPORARY LIGHTING ALONG HIGHLAND	EWFA	0	\$30,000.00	0.06%	\$1,122,069.00	\$ 9,939,970.52	3/21/05	3/22/05	<< Approved Copies	3/22/05	3/24/05	3/28/05	3/31/05	3/30/05	Approved & Implemented
11	GRAFFITI REMOVAL	EWFA	0	\$30,000.00	0.03%	\$1,152,069.00	\$ 9,909,970.52	3/31/05	3/31/05	<< Approved Copies						
				\$10,000.00					4/1/05	4/4/05	4/4/05	5/18/05	4/4/05	4/5/05	4/5/05	Approved & Implemented
12	REVISED DRAINAGE PLANS - SEGMENT 11	ITEM	0	\$63,410.40	0.01%	\$1,162,069.00	\$ 9,899,970.52	4/7/05	4/11/05	<< Approved Copies						
				\$53,410.40					4/6/05	5/6/05	4/11/05	5/18/05	5/9/05	5/18/05	5/18/05	Approved & Implemented
13	ADJUSTMENT TO VARIOUS ELECTRICAL BID ITEMS	ACLS	0	\$5,784.13	0.06%	\$1,225,479.40	\$ 9,836,560.12	8/9/06	5/18/05	<< Approved Copies						
				\$5,784.13					8/11/06	Will Not Sign 4/10/07	8/11/06		8/2/06	8/4/06	4/16/07	Approved & Implemented (Processed Unilateral)
14	ADDITIONAL BNSF INSURANCE COVERAGE	ACLS	0	\$20,152.57	0.01%	\$1,231,263.53	\$ 9,830,775.99	5/22/05	4/16/07	<< Approved Copies						
				\$20,152.57					6/3/05	6/30/05	6/5/05	8/1/05	7/5/05	7/6/05	7/6/05	Approved & Implemented
15	ELECTRICAL SERVICE CONNECTION FEES	EWFA	0	\$30,000.00	0.02%	\$1,251,416.20	\$ 9,810,633.32	5/3/05	7/6/05	<< Approved Copies						
				\$30,000.00					5/3/05	5/6/05	5/6/05	8/1/05	5/9/05	5/18/05	5/18/05	Approved & Implemented
15 S1	ADDITIONAL FUNDS TO CCO 15 (ELECTRICAL SERVICE CONNECTION)	EWFA	0	\$150,000.00	0.03%	\$1,381,416.20	\$ 9,780,633.32	5/11/07	5/18/05	<< Approved Copies						
				\$150,000.00					N/A	N/A	5/14/07		5/14/07	5/16/07	5/15/07	Approved & Implemented
16	MODIFY VULCAN EAST DRIVEWAY	EWFA	0	\$15,000.00	0.02%	\$1,431,416.20	\$ 9,630,633.32	7/15/05	5/16/07	<< Approved Copies						
				\$15,000.00					7/21/05	8/10/05	7/22/05	8/1/05	8/5/05	8/9/05	8/9/05	Approved & Implemented
16 S1	ADDITIONAL FUNDS	EWFA	0	\$15,000.00	0.02%	\$1,446,416.20	\$ 9,615,633.32	9/21/05	8/10/05	<< Approved Copies						
				\$15,000.00					N/A	N/A	6/23/06	7/5/06	9/21/05	9/26/05	9/26/05	Approved & Implemented
16 S2	ADDITIONAL FUNDS	EWFA	0	\$30,000.00	0.02%	\$1,461,416.20	\$ 9,600,633.32	12/7/05	9/26/05	<< Approved Copies						
				\$30,000.00					N/A	N/A	6/23/06	7/5/06	12/7/05	12/12/05	12/12/05	Approved & Implemented
17 (S)	SWPPP MAINTENANCE SHARING	EWFA	0	\$30,000.00	0.03%	\$1,491,416.20	\$ 9,570,633.32	5/3/05	12/13/05	<< Approved Copies						
				\$40,000.00					5/3/05	5/6/05	5/17/05	8/1/05	5/9/05	5/18/05	5/18/05	Approved & Implemented
17 S1	ADDITIONAL FUNDS TO CCO 17 (SWPPP MAINTENANCE)	EWFA	0	\$80,000.00	0.04%	\$1,531,416.20	\$ 9,530,633.32	5/11/07	5/18/05	<< Approved Copies						
				\$80,000.00					N/A	N/A	5/14/07		5/14/07	5/16/07	5/15/07	Approved & Implemented
				\$80,000.00	0.06%	\$1,611,416.20	\$ 9,450,633.32		5/16/07	<< Approved Copies						

San Bernardino Associated Governments  
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

(Updated: 08/01/2007)

CCO NO.	DESCRIPTION (S) = With Supplemental \$	PAY MTD	TIME EXT.	OCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR		CIFRWA Concurrence		SANBAG Approval		DATE APPROVED	STATUS/REMARKS
									TO	FROM	TO	FROM	TO	FROM		
18	REVISION TO N LINE PROFILE	NCNC	0	\$0.00				5/17/05	5/26/05	6/1/05	5/26/05	8/1/05	6/1/05	6/3/05	6/2/05	Approved & Implemented
19	ILLICIT DUMPING	EWFA	0	\$0.00	0.00%	\$1,611,416.20	\$ 9,450,623.32	4/15/05	6/9/05	6/13/05	6/10/05	8/1/05	6/13/05	6/15/05	6/15/05	Approved & Implemented
19 S1	ADDITIONAL FUNDS TO CCO 19 (ILLICIT DUMPING)	EWFA	0	\$30,000.00				5/11/07	N/A	N/A	5/14/07		5/14/07	5/16/07	5/15/07	Approved & Implemented
20	AYALA PIPE EXTENSION	EWFA	0	\$60,000.00	0.03%	\$1,641,416.20	\$ 9,420,623.32	5/27/05	6/3/05	6/9/05	6/2/05	8/1/05	6/9/05	6/15/05	6/15/05	Approved & Implemented
21	SBCFCD MAINTENANCE TURN-AROUND- SEGMENT 9	EWFA	0	\$15,000.00	0.06%	\$1,701,416.20	\$ 9,360,623.32	7/14/05	6/16/05	7/22/05	7/15/05	8/1/05	7/22/05	7/26/05	7/26/05	Approved & Implemented
22	PROVIDE PEPPER AVE ACCESS - Segment 10	ITEM	0	\$15,000.00	0.02%	\$1,716,416.20	\$ 9,345,623.32	5/23/05	7/27/05	6/17/05	5/26/05	7/28/05	6/17/05	6/23/05	6/23/05	Approved & Implemented
22 S1	ADDITIONAL FUNDS	EWFA	0	\$11,331.36				8/18/05	7/11/05	8/31/05	9/8/05		9/8/05	9/19/05	9/19/05	Approved & Implemented
23	DRAINAGE DETAILS & INCREASED PIPE SIZES IN SEGMENT 9	ITEM	0	\$2,000.00	0.01%	\$1,742,747.56	\$ 9,317,291.96	8/18/05	9/19/05	9/30/05	9/9/05		8/18/05	12/4/05	1/9/06	Approved & Implemented
24	SEGMENT 11 DRAINAGE REVISION	ITEM	0	\$7,446.00	0.00%	\$1,744,747.56	\$ 9,317,291.96	6/6/05	12/6/05	12/16/05	12/6/05	12/14/05	7/5/05	7/16/05	7/16/05	Approved & Implemented
25	ADDITIONAL DRAINAGE WORK / MODIFY NEW & EXISTING DRAINAGE FACILITIES	EWFA	0	\$12,852.80	0.02%	\$1,752,193.56	\$ 9,309,845.96	6/16/05	7/6/05	6/30/05	6/17/05	6/28/05	7/5/05	7/16/05	7/16/05	Approved & Implemented
25 S1	ADDITIONAL FUNDS	EWFA	0	\$30,000.00	0.02%	\$1,767,546.36	\$ 9,294,493.16	7/49/06	7/6/05	6/28/05	6/17/05	6/28/05	7/5/05	7/16/05	7/16/05	Approved & Implemented
25 S2	ADDITIONAL FUNDS TO CCO 25 & CCO 25S1 (ADD'L DRAINAGE WORK)	EWFA	0	\$15,000.00	0.12%	\$1,797,546.36	\$ 9,264,493.16	9/12/06	N/A	N/A	9/13/06		9/13/06	9/14/06	9/14/06	Approved & Implemented
26	MODIFICATIONS TO THE INTERSECTIONS OF LILACISMA LIA AND LILACITAHOE	EWFA	0	\$55,000.00	0.08%	\$1,912,546.36	\$ 9,149,493.16	5/11/07	9/15/06	6/28/05	6/17/05	6/28/05	5/14/07	6/11/07	6/11/07	Approved & Implemented
27	SBCFCD MAINTENANCE TURN-AROUND- SEGMENT 11	EWFA	0	\$10,000.00	0.01%	\$2,062,546.36	\$ 8,999,493.16	10/28/05	6/11/07	11/22/05	11/22/05	12/1/05	10/23/05	12/7/05	12/7/05	Approved & Implemented
27 S1	ADDITIONAL FUNDS	EWFA	0	\$55,000.00	0.08%	\$2,117,546.36	\$ 8,944,493.16	7/18/05	12/17/05	12/5/05	7/29/05	8/17/05	12/6/05	12/7/05	12/7/05	Approved & Implemented
28	SEGMENT 10 BRIDGE WELDED STEEL CASING PAYMENT	EWLS	0	\$45,000.00	0.05%	\$2,127,546.36	\$ 8,934,493.16	12/5/05	12/1/05	12/1/05	12/1/05			6/26/06	1/9/06	Approved & Implemented
				\$52,932.24	0.05%	\$2,225,478.60	\$ 8,889,493.16	12/7/05	12/8/05	12/16/05	12/8/05	12/14/05	12/16/05	1/9/06	1/9/06	Approved & Implemented
				\$52,932.24	0.05%	\$2,225,478.60	\$ 8,836,560.92		1/9/06	1/9/06	1/9/06					

**San Bernardino Associated Governments**  
**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**

(Updated: 08/01/2007)

SEGMENTS 9, 10, 11 MAINLINE  
Contract No. 05-014

CCO NO.	DESCRIPTION (S) = With Supplemental \$	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR TO FROM	CI/FWA TO FROM	SANBAG TO FROM	DATE APPROVED	STATUS/REMARKS
29	SEGMENT 10 EARLY PUNCHLIST ITEMS @ RIVERSIDE AND EASTON	EWFA ADJ	0	\$40,000.00 -\$9,799.99				4/7/06	4/14/06 5/3/06	4/14/06 4/28/06	4/13/06 5/9/06	5/8/06	Approved & Implemented
30	SEGMENT 9 & 10 EARLY SOUNDWALL COMPLETION	ITEM EWFA	0	\$30,200.01 \$25,897.40 \$120,000.00	0.03%	\$2,255,678.61	\$ 8,806,360.91	2/28/06	5/9/06 << Approved Copies 3/10/06 4/3/06 3/10/06 Revised Transmittal >> 4/19/06 4/17/06 << Approved Copies		3/4/06 4/3/06 4/17/06	4/17/06	Approved & Implemented. CCO Trans- Revised per
31	MSE WALL CHANGE	ITEM ACLS	DEF	\$96,331.00 -\$21,238.00	0.15%	\$2,402,576.01	\$ 8,659,463.51	8/15/05	8/17/05 9/14/05 8/47/06 10/4/05	10/4/05	9/4/06 10/4/05 10/7/05	10/7/05	Approved & Implemented
31 S1	MSE WALL ADDITIONAL CHANGES	ITEM EWFA	DEF	\$75,093.00 -\$27,335.00 \$41,820.00	0.08%	\$2,477,669.01	\$ 8,384,370.51	1/18/06	10/7/05 << Approved Copies 1/26/06 LOST 1/10/07		1/18/06	1/26/06	WAITING FOR CONTRACTORS SIGNATURE
32	SEG 10 EARLY PUNCHLIST: RELOC W/WD & SBC UTILITIES @ RIVERSIDE AND GALWAY INTERS.	EWLS EWFA	0	\$58,499.35 \$5,000.00	0.01%	\$2,492,154.01	\$ 8,369,885.51	3/24/06	3/29/06 4/11/06 3/29/06 Revised Transmittal Per CT >>> 5/3/06 4/19/06 << Approved Copies	5/3/06	3/24/06 4/14/06 4/19/06	4/19/06	Approved & Implemented. Revised Trans - 05/2/06.
32 S1	CONSTRUCT RETAINING WALL 1195 @ NW RIVERSIDE & GALWAY	EWFA	0	\$63,499.35 \$100,000.00	0.06%	\$2,555,653.36	\$ 8,506,386.16	6/8/06	6/23/06 7/5/06 6/22/06 7/14/06 << Approved Copies 1/31/07	6/30/06	6/8/06 7/10/06 7/14/06	7/14/06	Approved & Implemented
32 S2	INTERSECTION SIGNALIZATION & DRIVEWAY DESIGN	ITEM EWFA	0	\$100,000.00 \$71,250.00 \$15,000.00	0.10%	\$2,655,653.36	\$ 8,406,386.16	1/8/07			1/8/07	1/31/07	WAITING FOR CONTRACTORS SIGNATURE
33	REVISE FIBER OPTIC CONDUIT SYSTEM 103C IN SEGMENTS 9 & 11	ITEM ADJ	0	\$86,250.00 \$6,500.00 \$132,604.94	0.09%	\$2,741,903.36	\$ 8,320,136.16	3/20/06	3/21/06 5/3/06 3/21/06 5/31/06 << Approved Copies	4/6/06	3/20/06 3/24/06 5/3/06	5/31/06	Approved & Implemented
34	DRAINAGE SYSTEM SA ALIGNMENT MODIFICATION SEG 10	ITEM ACLS	0	\$139,004.94 \$25,955.00 \$115,920.00 \$141,876.00	0.14%	\$2,881,908.30	\$ 8,181,031.22	3/21/06	4/19/06 5/3/06 4/19/06 5/9/06 << Approved Copies	4/27/06	3/21/06 4/19/06 5/3/06	5/9/06	Approved & Implemented
35	ADD WB AUXILIARY LANE & SIGN STRUCTURE CHANGES	ITEM ACLS	0	\$5,177.34 \$22,691.00				3/27/06	3/29/06 LOST ?? 1/10/07 1/31/07 2/5/07 << Approved Copies	4/6/06	3/27/06 1/31/07 2/5/07	2/5/07	Approved & Implemented
36	PARTIAL OPENING OF 210 FWY - SIERRA TO ADLER	EWFA	0	\$27,868.34 \$45,000.00	0.03%	\$3,050,752.64	\$ 8,011,286.88	9/15/05	9/16/05 9/22/05 9/16/05 9/26/05 << Approved Copies	9/20/05	9/22/05 9/26/05	9/26/05	Approved & Implemented
36 S1	ADDITIONAL FUNDS TO CCO 36 (PARTIAL OPENING OF 210 AT SIERRA)	EWFA	0	\$45,000.00 \$30,000.00	0.05%	\$3,095,752.64	\$ 7,966,286.88	5/11/07	N/A N/A		5/14/07 5/23/07	5/22/07	Approved & Implemented
37	MBGR PER 2004 STANDARD SPECS	NCNC	0	\$30,000.00	0.03%	\$3,125,752.64	\$ 7,936,286.88		5/23/07 << Approved Copies 1/19/06 4/3/06 1/19/06	1/27/06	1/4/06 4/3/06 4/5/06	4/5/06	Approved & Implemented
37 S1	MBGR ANCHOR BLOCK AT TRANSITION	EWFA DEF		\$0.00 \$70,000.00	0.00%	\$3,125,752.64	\$ 7,936,286.88	5/10/07	5/14/07 6/11/07 5/14/07 6/19/07 << Approved Copies		5/10/07 6/11/07 6/18/07	6/18/07	Approved & Implemented
38	CACTUS STREET MODIFICATIONS	EWFA ITEM	0	\$70,000.00 \$20,000.00 \$58,004.78	0.07%	\$3,195,752.64	\$ 7,866,286.88	2/21/06	3/13/06 4/3/06 3/13/06 4/5/06 << Approved Copies	4/6/06	2/22/06 3/4/06 4/5/06	4/5/06	Approved & Implemented
38 S1	ADDITIONAL FUNDS	EWFA	0	\$78,004.78 \$40,000.00	0.08%	\$3,273,757.42	\$ 7,786,282.10	5/11/07	N/A N/A 5/30/07 5/30/07 << Approved Copies		5/14/07 5/30/07	5/30/07	Approved & Implemented
39	PEDESTRIAN OPENINGS - 27TH & CALIFORNIA	ACLS	0	\$40,000.00 \$6,559.08	0.04%	\$3,313,757.42	\$ 7,745,282.10	10/19/05	10/25/05 11/14/05 10/25/05 11/21/05 << Approved Copies	10/30/05	10/19/05 11/21/05	11/21/05	Approved & Implemented

**San Bernardino Associated Governments**  
**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**

(Updated: 08/01/2007)

OCO NO.	DESCRIPTION (S) = With Supplemental \$	PAY MTD	TIME EXT.	OCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR		CTFHA Concurrence		SABAG Approval		DATE APPROVED	STATUS/ REMARKS
									TO	FROM	TO	FROM	TO	FROM		
40	HIGHLAND / EASTON PROFILE REVISION	ITEM EWFA	0	\$4,547.58 \$5,000.00 \$9,547.58	0.01%	\$3,329,864.08	\$ 7,732,175.44	11/15/05	11/17/06	2/17/06	11/17/05	11/20/05	11/18/05	2/20/06	2/28/06	Approved & Implemented
40	CITY OF RIALTO WATERLINE RELOCATION ON EASTON	EWLS	0	\$87,482.15				3/17/06	3/23/06	5/3/06	3/27/06	4/6/06	3/1/06	3/23/06	5/8/06	Approved & Implemented
40	FIRE DEPARTMENT BLOCK WALL AND IRRIGATION	EWFA	0	\$40,000.00				8/22/06	N/A	N/A	9/29/06		5/9/06	5/3/06		Approved & Implemented
41	INCLUDE FIBER OPTIC AS MOH	NCNC	0	\$0.00				9/27/05	9/28/05	9/28/05	9/28/05	11/8/05	8/22/06	9/13/06	10/2/06	Approved & Implemented
42	DELETE PORTIONS OF IRRIGATION CROSSOVERS SEG 9 AND EDGE DRAIN SEG 10	ITEM	0	-\$24,050.00				10/28/05	11/30/05	11/30/05	11/15/05	11/17/05	10/28/05	11/30/05	1/9/06	Approved & Implemented
43	CACTUS CHANNEL BASIN EROSION CONTROL FOR SEG 10	EWAP	0	\$103,227.83				5/12/06	6/23/06	6/28/06	6/23/06	7/24/06	5/12/06	5/25/06	7/24/06	Approved & Implemented
44	DELETE OCO/CA FOR ASPHALT CONCRETE	ACUP	0	-\$74,103.15				1/5/06	1/11/06	2/28/06	10/28/05	12/20/05	1/5/06	3/16/06	3/15/06	Approved & Implemented
45	SIGN STRUCTURE SPECS CHANGE	ITEM EWAP ACLS	0	\$137,597.10 \$685,480.00 \$8,962.80				11/28/05	12/4/05	3/14/06	3/16/06	3/16/06	11/29/05	2/20/06	3/27/06	Approved & Implemented
46	RETAINING WALL CONCRETE GUTTERS	ACUP	0	\$48,307.00				5/31/06	6/1/06	6/14/06	6/1/06	6/21/06	5/31/06	6/14/06	6/26/06	Approved & Implemented
47	REVISIONS TO DRAINAGE SYSTEM 7 SEG 9	ACLS ITEM	0	\$700,000.00 \$30,584.00				7/17/06	10/19/06	12/1/06	7/17/06		10/18/06	10/19/06	1/24/07	Approved & Implemented
48	CAJON OH BENT 2 ALTERNATIVE PILE	ITEM EWFA	0	\$730,584.00 -\$70,500.00 \$90,554.24	0.74%			3/7/06	3/8/06	4/25/06	3/8/06	4/6/06	3/7/06	4/25/06	5/3/06	Approved & Implemented
49	EXTEND EXISTING ADAMS ST. STORM DRAIN (OASIS) TO EAST OF UPRR RAILWAY	ITEM	0	\$22,306.00				6/19/06	6/23/06	6/30/06	6/23/06	7/24/06	6/19/06	7/10/06	7/14/06	Approved & Implemented
50	CACTUS V-DITCH AND OUTLET STRUCTURE (CANCELED)	ITEM		\$22,306.00	0.02%	\$5,015,864.05	\$ 6,046,175.47		7/14/06	<< Approved Copies						CANCELED Work included in CCO
51	SLOPE PAVING - PEPPER, LILAC & 27TH	ITEM EWFA	0	\$165,976.00 \$5,000.00	0.00%	\$5,015,864.05	\$ 6,046,175.47	10/12/06	10/11/06	1/9/07	10/11/06		10/12/06	10/11/06	1/22/07	Approved & Implemented
52	LOCAL STREET SIGNS- METAL POSTS IN LIEU OF WOOD	ACUP	0	\$1,328.25	0.17%	\$5,186,840.05	\$ 5,875,199.47	6/1/06	6/2/06	6/13/06	6/2/06	6/21/06	6/1/06	6/14/06	6/26/06	Approved & Implemented
53	SOUNDWALL MASONRY BLOCK SPEC CHANGE	NCNC	0	\$0.00	0.00%	\$5,188,168.30	\$ 5,875,871.22	5/11/06	5/16/06	5/19/06	5/11/06	5/17/06	5/11/06	5/19/06	5/23/06	Approved & Implemented



**San Bernardino Associated Governments**  
**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**

SEGMENTS 9, 10, 11 MAINLINE  
 Contract No. 05-014

(Updated: 08/01/2007)

CCO NO.	DESCRIPTION (S) = With Supplemental \$	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR		CT/HWA Concurrence		SANBAG Approval		DATE APPROVED	STATUS/REMARKS
									TO	FROM	TO	FROM	TO	FROM		
53	SOUNDWALL MASONRY BLOCK	NCMC	0	\$0.00				8/2/06	8/11/06	9/11/06	8/11/06	8/2/06	8/10/06	9/14/06	9/14/06	Approved & Implemented
51	SPEC CHANGE ON BRIDGE STRUCTURES			\$0.00	0.00%	\$5,188,168.30	\$ 5,673,871.22		9/15/06	<< Approved Copies			6/23/06	6/23/06		Approved & Implemented
54	PREPARE SLOPES @ CACTUS CHANNEL FOR EROSION CONTROL	EWAP	0	\$102,760.65				5/25/06	6/23/06	6/28/06	6/23/06	5/25/06	6/29/06	7/24/06	7/24/06	Approved & Implemented
55	SEG 9 REPAIR DRAINAGE FACILITY AT SW125N & SEG 10 DS-9F	ITEM	0	\$102,760.65	0.10%	\$5,290,928.95	\$ 5,771,110.57		7/24/06	<< Approved Copies						Approved & Implemented
		ACLS		\$8,142.01				6/26/06	6/29/06	7/5/06	6/29/06	6/26/06	6/29/06	7/14/06	7/14/06	Approved & Implemented
56	ADJUST FOR CONCRETE GUTTER IN EXCESS OF 125% EE (SEG 10 & 11)	ACUP	0	\$41,415.00	0.05%	\$5,374,670.96	\$ 5,687,368.56		7/14/06	<< Approved Copies			6/19/06	6/23/06	7/14/06	Approved & Implemented
		ITEM		\$132,000.00				6/19/06	6/23/06	6/30/06	6/23/06	6/19/06	7/10/06	7/14/06	7/14/06	Approved & Implemented
57	MODIFY DRAINAGE @ LILAC/CASUALIA	ITEM	0	\$90,585.00	0.09%	\$5,465,255.96	\$ 5,596,783.56		7/14/06	<< Approved Copies			12/29/06	1/2/07	2/5/07	Approved & Implemented
		EWFA		\$30,850.00				12/29/06	1/2/07	1/18/07	1/2/07	12/29/06	1/19/07	2/5/07	2/5/07	Approved & Implemented
58	RETAINING WALL 150 BARRIER CLOSURE	EWLS	0	\$115,850.00	0.12%	\$5,581,105.96	\$ 5,480,933.56		2/5/07	<< Approved Copies			6/23/06	6/23/06	7/14/06	Approved & Implemented
				\$2,674.06				6/16/06	6/23/06	6/30/06	6/23/06	6/16/06	7/10/06	7/14/06	7/14/06	Approved & Implemented
59	BIO-STRIPS FOR BASINS NO. 4, NO. 5, NO. 6	ITEM		\$0.00		\$5,583,780.04	\$ 5,478,259.48		7/14/06	<< Approved Copies						IN PROCESS
		EWFA		\$0.00				12/29/06	1/2/07	1/18/07	1/2/07	12/29/06	1/19/07	2/5/07	2/5/07	IN PROCESS
60	ELIMINATE PCC DIKE AND SHOULDER BACKING IN SEGMENT 9	ITEM	0	\$82,208.00	0.00%	\$5,583,780.04	\$ 5,478,259.48		8/30/06	2/14/07	8/30/06	9/20/06	8/28/06	8/30/06	4/10/07	Approved & Implemented
							Revised >>>	2/23/07	3/5/07	4/6/07	3/5/07		2/23/07	3/5/07	4/10/07	Approved & Implemented
61	TEMPORARY TRAFFIC SIGNAL AT EASTON/HIGHLAND	EWFA	0	\$70,000.00	-0.08%	\$5,501,572.04	\$ 5,560,467.48		4/10/07	<< Approved Copies			9/6/06	9/6/06	10/30/06	Approved & Implemented
		ITEM		\$70,276.00	0.07%	\$5,571,848.04	\$ 5,490,191.48		10/30/06	<< Approved Copies			10/12/06	10/12/06	10/30/06	Approved & Implemented
62	ELIMINATE EDGE DRAIN IN SEGMENT 10	ITEM	0	\$85,932.00		\$5,571,848.04	\$ 5,490,191.48		5/8/07	5/21/07	5/8/07		5/8/07	5/8/07	5/30/07	Approved & Implemented
		ACLS		\$8,473.48				5/8/07	5/21/07	5/21/07	5/8/07		5/21/07	5/30/07	5/30/07	Approved & Implemented
		EWFA		\$5,000.00												
				\$72,458.52	-0.07%	\$5,499,389.52	\$ 5,562,650.00		5/30/07	<< Approved Copies			6/23/07	6/23/07	7/11/07	TO HL, DK - 7/11/07
63	INCREASE IN LCB CEMENT CONTENT	ACLS	0	\$142,445.26	0.14%	\$5,641,534.78	\$ 5,420,504.74		6/25/07	7/16/07	6/25/07		6/23/07	6/23/07		APPROVED & IMPLEMENTED
				\$10,000.00				11/30/06	12/4/06	12/14/06	12/1/06		12/4/06	12/4/06	1/22/07	APPROVED & IMPLEMENTED
64	ADD WORK FROM STATE STREET STORM DRAIN	EWUP	0	\$1,042,122.36					12/4/06	12/14/06	12/1/06		12/4/06	12/4/06	1/22/07	APPROVED & IMPLEMENTED
		EWLS		\$77,162.80									12/14/06	1/22/07		APPROVED & IMPLEMENTED
				\$1,129,275.16	1.14%	\$6,770,809.94	\$ 4,291,229.58		1/22/07	<< Approved Copies						CANCELLED Work included on CCO No. 59
65	CONCRETE SPILLWAYS & PARKWAY GULVERTS (CANCELED)															CANCELLED Work included on CCO No. 59
66	JUST IN TIME TRAINING (JITT)	EWLS	0	\$0.00	0.00%	\$6,770,809.94	\$ 4,291,229.58		12/18/06	12/22/06	12/18/06		12/18/06	12/22/06	12/29/06	Approved & Implemented
				\$505.00					1/2/07	<< Approved Copies						Approved & Implemented
67	FURNISH STREET AND ROADSIDE SIGN PANELS	EWFA	0	\$7,500.00	0.00%	\$6,771,314.94	\$ 4,290,724.58		1/3/07	4/6/07	1/4/07		12/28/06	1/3/07	4/10/07	Approved & Implemented
				\$505.00				12/28/06	1/3/07	4/6/07	1/4/07		12/28/06	1/3/07	4/10/07	Approved & Implemented
68	EASTON SQUARE APARTMENTS ALL WEATHER SURFACING	EWFA	0	\$7,600.00	0.01%	\$6,778,914.94	\$ 4,283,224.58		4/10/07	<< Approved Copies			12/28/06	12/28/06	12/29/06	Approved & Implemented
				\$35,000.00				12/13/06	12/20/06	12/20/06	12/20/06		12/20/06	12/20/06	12/29/06	Approved & Implemented
				\$35,000.00	0.04%	\$6,813,814.94	\$ 4,248,224.58		1/2/07	<< Approved Copies						Approved & Implemented

**San Bernardino Associated Governments**  
**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**

(Updated: 08/01/2007)

CCO NO.	DESCRIPTION (S) = With Supplemental \$	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR		GIFHWA Concurrence		SANBAG Approval		DATE APPROVED	STATUS/REMARKS
									TO	FROM	TO	FROM	TO	FROM		
69	JAC PRICE INDEX FLUCTUATION (Partial)	ACUP	0	\$308,693.17				4/12/07	4/30/07	5/21/07	4/30/07		4/12/07	4/30/07		Returned UNASSIGNED 5/21/07 TO PROCESS UNILATERAL FOR JUNE 12/EST. 30
70	SBGFD PUNCH LIST METHACRYLATE	EWFA	0	\$75,000.00	0.31%	\$7,122,508.11	\$ 3,939,531.41	12/21/06	12/22/06	12/27/06	12/22/06		12/21/06	12/27/06	12/29/06	Approved & Implemented
71	SSSD REVISIONS AT HIGHLAND/CALIFORNIA	ITEM EWFA EWAP	DEF	\$37,609.32 \$75,000.00 \$145,351.81	0.08%	\$7,197,508.11	\$ 3,864,531.41	4/16/07 4/16/07	4/24/07 5/22/07	5/21/07 6/11/07	4/24/07		4/16/07 6/12/07	4/24/07		TO HL DK FOR APPROVAL 6/12/07
72	SEGMENT 10 BRIDGE SIGN ELIMINATION	ITEM EWFA	0	\$28,235.00 \$2,000.00	0.18%	\$7,380,170.60	\$ 3,681,868.92	12/21/06	12/22/06	1/15/07	12/22/06		12/21/06	1/16/07	1/22/07	Approved & Implemented
73	MUSCOY UNDERPASS TEMPORARY SUPPORT (CANCELED)	ACFA ACUP	DEF	\$0.00 \$0.00	-0.02%	\$7,355,935.60	\$ 3,706,103.92	1/24/07	1/29/07	2/9/07	1/29/07		1/24/07	2/9/07		CANCELED Work deleted on CCO No. 77
74	HUB BUILDING ENVIRONMENTAL CONTROLLER	ACLS	0	\$6,505.62	0.06%	\$7,355,935.60	\$ 3,706,103.92	4/27/07	5/1/07	5/3/07	5/1/07		4/27/07	5/1/07	5/15/07	Approved & Implemented
75	SEG 10, DS-8A AND 8E REVISIONS	ITEM	0	\$5,543.50	0.01%	\$7,362,441.22	\$ 3,699,598.30	3/16/07	3/20/07	3/20/07	3/20/07		3/16/07	3/20/07		WAITING FOR CONTRACTOR'S SIGNATURE
76	ISL FIXTURES IN LIEU OF MERCURY VAPOR @ STATE ST UC (Seg. 11 E) BR. MTD SIGNS	EWLS	DEF	\$1,317.15		\$7,367,984.72	\$ 3,694,054.80	3/8/07	3/12/07	3/24/07	3/12/07		3/8/07	3/12/07	3/27/07	Approved & Implemented
77	ELIMINATE MUSCOY UNDERPASS RETROFIT	ITEM	35	\$594,300.00	0.00%	\$7,369,301.87	\$ 3,692,737.65	3/7/07	3/7/07	4/24/07	3/7/07		3/7/07	4/30/07	4/26/07	Approved & Implemented
78	INSTALL 103C ON MIRAMONTE UC	EWFA	DEF	\$15,000.00	-0.60%	\$6,775,001.87	\$ 4,287,037.65	3/18/07 3/28/07	3/12/07 4/6/07	3/12/07 4/6/07	3/12/07		3/18/07 3/28/07	3/12/07 4/6/07	4/10/07	Approved & Implemented
79	SEGMENT 10, MBGR AT WB HIGHLAND OC APPROACH	ITEM EWFA	0	\$36,179.00		\$6,790,001.87	\$ 4,272,037.65	3/29/07	3/29/07	5/21/07	?		3/29/07	5/21/07	5/30/07	Approved & Implemented
80	GROUT ALL PULLBOXES	EWLS EWFA	DEF	\$30,975.00 \$2,000.00	0.05%	\$6,841,180.87	\$ 4,220,858.65	3/16/07	3/20/07	3/26/07	3/20/07		3/16/07	3/26/07	4/10/07	Approved & Implemented
81	EARLY 11 PUNCHLIST ITEMS	NCNC	0	\$0.00	0.03%	\$6,874,155.87	\$ 4,187,883.65	3/16/07	3/20/07	3/26/07	3/20/07		3/16/07	3/26/07	4/2/07	Approved & Implemented
81	EARLY 11 BRIDGE PUNCHLIST ITEMS	EWLS	0	\$10,000.00	0.00%	\$6,874,155.87	\$ 4,187,883.65	3/28/07	3/29/07	4/3/07			3/28/07	4/4/07	4/4/07	Approved & Implemented
82	FRISBEE PARK - ACACIA CUL-DE-SAC DRAINAGE MODIFICATIONS	EWFA	0	\$25,000.00	0.01%	\$6,884,155.87	\$ 4,177,883.65	3/30/07	4/24/07	4/30/07	4/24/07		3/30/07	4/30/07	4/30/07	Approved & Implemented
83	COMPLETE I-210/ SIERRA INTERCHANGE & SOUNDWALL; REMOVE EASTON SLIVER RAMP.	EWLS EWFA	DEF	\$44,384.23 \$305,000.00	0.03%	\$6,909,155.87	\$ 4,152,883.65	4/26/07	4/30/07	5/18/07	4/30/07		4/26/07	5/21/07	5/29/07	Approved & Implemented
				\$349,384.23	0.25%	\$7,258,540.10	\$ 3,803,499.42		5/30/07	<< Approved Copies						



## SEGMENTS 9.10.11 MAINLINE

Contract No. 05-014

[illegible]

**NOTES:** \* Includes Supplemental Funds & SANBAG Furnished Materials

**San Bernardino Associated Governments**  
**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**

(Updated: 08/01/2007)

CCO NO.	DESCRIPTION (S) - With Supplemental \$	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR TO FROM	CIFHWA Concurrence TO FROM	SANBAG Approval TO FROM	DATE APPROVED	STATUS/REMARKS
SUMMARY OF OVERRUNS FOR ACTIVE ITEMS & CCO WORK													
ITEM NO.						\$ Overrun	\$ Balance	CCO NO.		\$ Overrun	\$ Balance	Total Overrun	
A013						-\$5,860.00			15152	-\$17,259.88			
A019						-\$2,540.00			251	-\$17,889.13			
A020						-\$3,078.00			3				
A048						-\$804.00			4				
A051						-\$27,065.50			5				
A054						-\$314.61			6				
A056						-\$5,745.00			8851				
A069						-\$740.00			9951	-\$15,042.41			
A080						-\$800.00			10				
A083						-\$13,501.12			11	-\$10,201.49			
A094						-\$70.00			12				
A102						-\$2,317.32			13				
A118						-\$33,750.00			14				
A121						-\$3,155.60			15				
A123						-\$425.00			1651	-\$4,228.90			
B002						-\$90,200.00			17				
B010						-\$5,008.30			18				
B011						-\$10,960.00			19				
B012						-\$16,880.00			20	-\$1,387.84			
B013						-\$9,723.60			21				
B014						-\$1,450.50			2251	-\$3,483.03			
B016						-\$21,390.40			23				
B026						-\$148,827.04			24	-\$5,954.07			
B034						-\$22.42			25	-\$16,199.86			
B038						-\$6,623.40			27				
B039						-\$2,521.47			30	-\$33,636.68			
B040						-\$5,469.42			36				
B042						-\$12,572.35			38				
B043						-\$768.12			40	-\$12,953.81			
B045						-\$67,042.50			45	-\$9,402.96			
B046						-\$36,293.40			51	-\$1,618.75			
B047						-\$23,250.60			57	-\$43,475.46			
B048						-\$88,200.00			67	-\$7,850.04			
B050						-\$205.29			72	-\$2,288.22			
B052						-\$340.71			89	-\$7,646.71			
B053						-\$211,630.79							
B054						-\$43,660.56							
B088						-\$2,410.91							
B090						-\$6,937.50							
B093						-\$13,342.50							
B095						-\$11,734.60							
B097						-\$630.00							
B098						-\$3,864.00							
B099						-\$90.00							
B106						-\$33,280.00							
B107						-\$311,320.00							
B117						-\$17,519.60							
B122						-\$6,150.00							
As of Est. 31 (07/20/07)													
											\$ Balance	Total Overrun	
											-210,489.24	-\$2,223,906.35	

### CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

(Updated: 08/01/2007)

[illegible]

**San Bernardino Associated Governments**  
**I-10 Median Mixed-Flow Lane Addition**  
**Contract No. 06-001**

**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**

(Updated: 08/01/2007)

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR TO	FROM	CT TO	FROM	SANBAG Approval TO	FROM	DATE APPROVED	STATUS/REMARKS
<b>*CONTINGENCY &amp; SUPPLEMENTAL WORK BUDGET &gt;&gt;&gt; \$3,619,846.00</b>																
1	MAINTAIN ROADWAY AND TRAFFIC CONTROL ...	EWFA	0	\$35,000.00				11/09/05	11/10/05	11/28/05	11/10/05	12/02/05	12/07/05	01/18/06	01/18/06	Approved & Implemented
1S1	RESTRIPE I-10 EB (1-FT SHIFT) - MAINTAIN ROADWAY/TRAFFIC	EWLS	0	\$35,000.00	0.08%	\$35,000.00	\$ 3,584,846.00	09/28/06	09/28/06	<< Approved Copies			10/19/06	12/11/06	12/11/06	Approved & Implemented
1S2	ADDITIONAL FUNDS (CCO #1)	EWFA	0	\$33,600.00	0.08%	\$68,600.00	\$ 3,551,246.00	02/01/07		<< Approved Copies			02/08/07	02/14/07	02/14/07	Approved & Implemented
2	TRAINING	ACUP	0	\$25,000.00	0.06%	\$93,600.00	\$ 3,526,246.00	11/09/05	11/10/05	<< Approved Copies			12/07/05	01/18/06	01/18/06	Approved & Implemented
3	MAINTAIN EXISTING ELECTRICAL SYSTEMS	EWFA	0	\$8,800.00	0.02%	\$102,400.00	\$ 3,517,446.00	11/09/05	11/10/05	<< Approved Copies			12/07/05	01/18/06	01/18/06	Approved & Implemented
3S1	ADDITIONAL FUNDS	EWFA	0	\$10,000.00	0.02%	\$112,400.00	\$ 3,507,446.00	05/18/06	05/23/06	<< Approved Copies			05/18/06	05/23/06	05/23/06	Approved & Implemented
4	MAINTAIN EXISTING IRRIGATION SYSTEMS	EWFA	0	\$20,000.00	0.05%	\$132,400.00	\$ 3,487,446.00	11/09/05	11/10/05	<< Approved Copies			12/07/05	01/18/06	01/18/06	Approved & Implemented
4S1	ADDITIONAL FUNDS	EWFA	0	\$30,000.00	0.07%	\$162,400.00	\$ 3,457,446.00	05/18/06	05/23/06	<< Approved Copies			05/18/06	05/23/06	05/23/06	Approved & Implemented
5	GRAFFITI REMOVAL	EWFA	0	\$30,000.00	0.07%	\$192,400.00	\$ 3,427,446.00	11/09/05	11/10/05	<< Approved Copies			12/07/05	01/18/06	01/18/06	Approved & Implemented
6	REVISED CL PROFILE	EWFA	0	\$10,000.00	0.02%	\$202,400.00	\$ 3,417,446.00	02/13/06	02/13/06	<< Approved Copies			03/01/06	04/04/06	04/04/06	Approved & Implemented
7	ADDITIONAL ABESTOS ABATEMENT (8 BRIDGES)	EWFA	0	\$10,000.00	0.02%	\$212,400.00	\$ 3,407,446.00	11/21/05	11/21/05	<< Approved Copies			02/16/06	03/01/06	03/01/06	Approved & Implemented
8	ENCROACHMENT PERMIT FEE	EWLS	0	\$12,000.00	0.03%	\$224,400.00	\$ 3,395,446.00	11/30/05	12/02/05	<< Approved Copies			02/16/06	03/01/06	03/01/06	Approved & Implemented
9	LOW EXPANSION MATERIALS	ACLS	0	\$5,350.00	0.01%	\$229,750.00	\$ 3,390,096.00	01/05/06	01/10/06	<< Approved Copies			02/16/06	03/01/06	03/01/06	Approved & Implemented
10	SALVAGE BRIDGE RAILING (2000 LF)	ACLS	0	-\$85,093.00	-0.20%	\$144,657.00	\$ 3,475,189.00			<< Approved Copies						PENDING cost proposal by ATKIN
11	SALVAGE MBGR (Including THRIE BEAM)	ACLS	0	\$20,001.00	0.05%	\$164,658.00	\$ 3,455,188.00			<< Approved Copies						CLOSED at NO COST
12	SWPPP MAINTENANCE SHARING	EWFA	0	\$0.00	0.00%	\$164,658.00	\$ 3,455,188.00	01/10/06	01/10/06	<< Approved Copies			02/16/06	03/01/06	03/01/06	Approved & Implemented
				\$33,300.00	0.08%	\$197,958.00	\$ 3,421,888.00			<< Approved Copies						

**San Bernardino Associated Governments**

**I-10 Median Mixed-Flow Lane Addition**

**CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG**

(Updated: 08/01/2007)

Contract No. 06-001

OCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	OCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR		CT	SANBAG Approval		DATE APPROVED	STATUS/REMARKS
									TO	FROM		TO	FROM		
13	ELECTRICAL CHANGES BY CALTRANS	ACLS		\$6,323.10				10/23/06	10/24/06	01/02/07	01/04/07	01/07/07		01/07/07	Approved & Implemented
14	ADDITIONAL CONCRETE REMOVAL - DSC	EWLS	0	\$6,323.10	0.02%	\$204,281.10	\$ 3,415,564.90	06/23/06	06/23/06	07/06/06	07/16/06	07/14/06		07/14/06	Approved & Implemented
15	ELECTRICAL & WATER METER SERVICE INSTALLATION & PERMIT FEES	ACLS	0	\$7,630.00	0.02%	\$211,911.10	\$ 3,407,934.90	04/19/06	04/16/06	04/21/06	03/20/06	05/04/06		05/04/06	Approved & Implemented
15S1	INSTALL ADDITIONAL CONDUIT CROSSING FOR IRRIGATION CONTROLLERS	EWUP		\$20,336.00											
		EWLS		\$10,289.00											
				\$30,625.00	0.07%	\$242,536.10	\$ 3,377,309.90	10/31/06	10/31/06	02/20/07	02/13/07	02/20/07		02/20/07	Approved & Implemented
16	PIER WALL - TEMPORARY BRACING	ACLS	0	\$3,624.30				04/14/06	04/14/06	04/18/06	04/20/06	05/04/06		05/04/06	Approved & Implemented
				\$5,316.00	0.01%	\$246,160.40	\$ 3,373,685.60								
17	CITRUS ABUT FOOTING	ACLS	0	\$5,316.00				05/11/06	05/11/06	05/18/06	03/08/06	05/23/06		05/23/06	Approved & Implemented
				\$9,882.00											
				\$9,882.00	0.02%	\$261,358.40	\$ 3,358,487.60								CLOSED at NO COST
18	ANDERSON DRILLING - DIFFERING SITE CONDITIONS	ACLS	0	\$0.00											
19	CHURCH ST UC - FALSEWORK CHANGES	ACLS	0	\$0.00	0.00%	\$261,358.40	\$ 3,358,487.60	04/14/06	04/14/06	04/18/06	04/20/06	05/04/06		05/04/06	Approved & Implemented
				\$4,000.00											
20	"REVISED" STAGE 3 - TRAFFIC HANDLING PLANS	No Cost	0	\$4,000.00	0.01%	\$265,358.40	\$ 3,354,487.60	09/20/06	09/20/06	09/25/06	09/30/06	10/02/06		10/02/06	Approved & Implemented
				\$0.00											
21	TEMPORARY SUPPORTS DELETION	ACLS	0	-\$25,437.00				10/20/06	10/20/06	10/31/06	06/01/06	11/09/06		11/09/06	Approved & Implemented
	(NO COST Change)				0.00%	\$265,358.40	\$ 3,354,487.60								
22	SUPPLEMENTAL LANDSCAPE MAINTENANCE (PE)	EWUP	0	\$25,830.00				06/29/06	07/31/06	08/03/06	08/04/06	10/24/06		10/24/06	Approved & Implemented
				\$10,000.00				10/03/06	10/03/06	10/09/06	10/16/06	10/24/06		10/24/06	
23	MISCELLANEOUS STRUCTURAL FIELD CHANGES	EWFA	0	\$25,830.00	0.06%	\$265,751.40	\$ 3,354,094.60	08/10/06	08/10/06	08/21/06	08/10/06	09/14/06		09/14/06	Approved & Implemented
				\$10,000.00											
23S1	MISCELLANEOUS STRUCTURAL FIELD CHANGES (SUPP FUNDS)	EWFA	0	\$10,000.00											
				\$10,000.00	0.02%	\$275,751.40	\$ 3,344,094.60	04/17/07	05/01/07	not requ	04/22/07	04/24/07		04/27/07	Approved & Implemented
24	CHANGE TO #19 REBAR COUPLER FROM #16 REBARS AT CLOSURE POURS	ACLS	0	\$15,000.00											
	(Closed at NO COST)				0.04%	\$290,751.40	\$ 3,329,094.60								CLOSED at NO COST
25	MISC. PCC PAVING FIELD CHANGES	various	0	\$15,000.00											
		various		\$2,340.27	0.00%	\$290,751.40	\$ 3,329,094.60	04/23/07	04/23/07						PENDING signature by ATKIN
				\$2,340.27	0.01%	\$293,091.67	\$ 3,326,754.33								

**NOTES:** \* Includes Supplemental Funds & SANBAG furnished Materials

CHANGE ORDER and CONTINGENCY BALANCE LOG

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR		SANBAG (Appr.)		SANBAG (Trans.)		DATE APPR.	STATUS/REMARKS
								TO	FROM	TO	FROM	TO	FROM		
*CONTINGENCY BUDGET \$ 312,207.00															
1	IRRIGATION CONTROLLER CABINET	NCNC	0	\$ -	\$ -	\$ 312,207.00	2/13/2006	2/13/2006	3/14/2006	3/15/2006	3/15/2006	3/16/2006	3/20/2006	3/20/2006	CCO APPROVED
2	Approved Copies to: ELECTRICAL ITEM CHANGES							3/20/2006		3/20/2006		3/20/2006			
		APLS	0	\$ 4,034.52	\$ 4,034.52	\$ 308,172.48	4/17/2006	4/18/2006	4/18/2006	4/19/2006	4/19/2006	4/19/2006	4/19/2006	4/20/2006	CCO APPROVED Paid on Estimate No. 2
3	Approved Copies to: REMOBILIZATION FOR HOT TAP AT MOUNTAIN AVE							4/20/2006		4/1/2000		4/1/2000			
		APLS	0	\$ 1,577.03	\$ 5,611.55	\$ 306,595.45	5/9/2006	5/9/2006	5/9/2006	5/9/2006	5/10/2006	5/10/2006	5/10/2006	5/10/2006	CCO APPROVED Paid on Estimate No. 3
4	Approved Copies to: CONTROLLER CABINET & BACKFLOW ASSEMBLY MODIFICATIONS							5/10/2006		5/10/2006					
		NCNC	0	\$ -	\$ 5,611.55	\$ 306,595.45	7/18/2006	8/24/2006	8/29/2006	8/29/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	CCO APPROVED Resent original
5	Approved Copies to: ROCK REMOVAL							11/8/2006	11/15/2006	11/15/2006		11/29/2006	11/29/2006	11/29/2006	
		EWFA	0	\$ 25,000.00	\$ 30,611.55	\$ 281,595.45	11/8/2006	11/8/2006	11/15/2006	11/15/2006	11/15/2006	11/29/2006	11/29/2006	11/29/2006	CCO APPROVED Work Complete: 11/17/06
5	Approved Copies to: ADDITIONAL ROCK REMOVALS IN THE RECOVERY ZONES							11/29/2006							
		EWFA	0	\$ 15,000.00	\$ 45,611.55	\$ 266,595.45	6/6/2007	6/6/2007	6/13/2007	6/18/2007	6/20/2007	6/18/2007	6/20/2007	6/20/2007	CCO APPROVED
6	Approved Copies to: ADDITIONAL UV PIPE AND IRRIGATION HEADS							6/26/2007							
		AUP	0	\$ 160.00	\$ 45,771.55	\$ 266,435.45	3/27/2007	3/27/2007	3/27/2007	3/27/2007	3/28/2007	3/28/2007	3/28/2007	3/28/2007	CCO APPROVED Paid Estimate No. 14
7	Approved Copies to: PLANT SIZE SUBSTITUTION FOR LANTANA							4/24/2007	4/24/2007	4/25/2007	4/30/2007	4/25/2007	4/30/2007	5/1/2007	
		ADI. COMP.	0	\$ (5,561.60)	\$ 40,209.95	\$ 271,997.05	4/24/2007	4/24/2007	4/24/2007	4/25/2007	4/30/2007	4/25/2007	4/30/2007	5/1/2007	CCO APPROVED Credit taken Est. 14
8	Approved Copies to: EXTENSION OF CONTRACT TIME - MULCH A & B		5	\$ -	\$ 40,209.95	\$ 271,997.05	5/7/2007	5/8/2007	5/15/2007	5/15/2007	5/16/2007	5/15/2007	5/16/2007	5/16/2007	
		TIME						5/17/2007							
9	Approved Copies to: BUBBLER SUBSTITUTION							6/6/2007	6/13/2007	6/18/2007	6/20/2007	6/18/2007	6/20/2007	6/20/2007	
		AUP	0	\$ 2,984.10	\$ 43,194.05	\$ 269,012.95	6/6/2007	6/6/2007	6/13/2007	6/18/2007	6/20/2007	6/18/2007	6/20/2007	6/20/2007	CCO APPROVED Partial Pymnt Est. 17 Complete Est. 18
10	Approved Copies to:							6/20/2007							
				\$ -	\$ 43,194.05	\$ 269,012.95									
ITEM OVER RUN**															
TOTAL TO DATE >>>>>>>															
				\$ 43,194.05	\$ 265,849.19	\$ 3,163.76									

NOTES: \* Includes Supplemental Funds & SANBAG Furnished Materials

ITEM No.	\$ Overrun	\$ Balance
17	\$ 2,600.00	\$ 2,600.00
32	\$ 505.00	\$ 3,105.00
44	\$ 58.76	\$ 3,163.76



EA: 08-1A2714, 08-1A2718L  
 SANBAG CONT. NO.: 06-017  
 RTE.: 08-SBD-210-3.27/6.3  
 STPL-6053(067)

SR 210 HWY PLANTING Seg 2

CHANGE ORDER and CONTINGENCY BALANCE LOG

CO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR		SANBAG (Appr.)		SANBAG (Trans.)		DATE APPR.	STATUS/REMARKS
								TO	FROM	TO	FROM	TO	FROM		
*CONTINGENCY BUDGET \$ 408,423.00															
1	ELECTRICAL ITEM CHANGES	APLS	0	\$ 4,034.52	\$ 4,034.52	\$ 404,388.48	4/17/2006	4/18/2006	4/18/2006	4/18/2006	4/19/2006	4/19/2006	4/20/2006	4/20/2006	CCO APPROVED Paid Est. No. 02
	Approved Copies to:							4/20/2006							
2	IRRIGATION CROSSEOVERS AT CAMPUS AVENUE	EWFA	0	\$ 25,000.00	\$ 29,034.52	\$ 379,388.48	6/6/2006	6/6/2006	7/7/2006	7/7/2006	7/12/2006	7/12/2006	7/12/2006	7/12/2006	CCO APPROVED
	Approved Copies to:							7/12/2006							
3	CONTROLLER CABINET & BACKFLOW ASSEMBLY MODIFICATIONS	NCNC	0	\$ -	\$ 29,034.52	\$ 379,388.48	7/18/2006	7/18/2006 8/24/2006	8/29/2006	8/30/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	CCO APPROVED Resent original
	Approved Copies to:							8/31/2006							
4	ROCK REMOVAL	EWFA	0	\$ 25,000.00	\$ 54,034.52	\$ 354,388.48	11/8/2006	11/8/2006	11/15/2006	11/15/2006	11/15/2006	11/29/2006	11/29/2006	11/29/2006	CCO APPROVED Work Completed:
	Approved Copies to:							11/29/2006							
4 S1	ROCK REMOVAL - ADDITIONAL FUNDS	EWFA	0	\$ 8,635.60	\$ 62,670.12	\$ 345,752.88	5/7/2007	5/8/2007	5/14/2007	5/15/2007	5/16/2007	5/16/2007	5/16/2007	5/16/2007	CCO APPROVED
	Approved Copies to:							5/16/2007							
4 S2	ROCK REMOVAL - ADDITIONAL REMOVALS	EWFA	0	\$ 15,000.00	\$ 77,670.12	\$ 330,752.88	6/27/2007	6/27/2007							CCO IN PROCESS
	Approved Copies to:														
5	PLANT SIZE SUBSTITUTION FOR GRAPE MYRTLE	ADJ. COMP.	0	\$ (3,575.00)	\$ 59,095.12	\$ 349,327.88	12/14/2006	12/15/2006	12/19/2006	12/19/2006	12/21/2006	12/21/2006	12/21/2006	12/21/2006	CCO APPROVED Credit Taken Est. 10
	Approved Copies to:							12/21/2006							
6	PLANT SIZE SUBSTITUTION FOR LANTANA 'SPREADING SUNSHINE'	ADJ. COMP.	0	\$ (1,621.40)	\$ 57,473.72	\$ 350,949.28	4/24/2007	4/24/2007	4/24/2007	4/25/2007	4/30/2007	4/30/2007	4/30/2007	4/30/2007	CCO APPROVED Credit Taken Est. 13
	Approved Copies to:							5/1/2007							
7	VALVE BOX RELOCATION	NCNC	0	\$ -	\$ 57,473.72	\$ 350,949.28	5/7/2007	5/8/2007	5/15/2007	5/15/2007	5/16/2007	5/16/2007	5/16/2007	5/16/2007	CCO APPROVED
	Approved Copies to:							5/16/2007							
8	BUBBLERS	AUP	0	\$ 2,270.70	\$ 59,744.42	\$ 348,678.58	6/13/2007	6/6/2007	6/13/2007	6/18/2007	6/20/2007	6/20/2007	6/20/2007	6/20/2007	CCO APPROVED
	Approved Copies to:							6/20/2007							
9	MOVING OF TREES AND IRRIGATION	AUP	0	\$ 5,000.00	\$ 64,744.42	\$ 343,678.58	6/13/2007	6/13/2007	6/13/2007	6/21/2007	6/21/2007	6/21/2007	6/21/2007	6/21/2007	CCO APPROVED
	Approved Copies to:							6/27/2007							
10				\$ -	\$ 64,744.42	\$ 343,678.58									
	Approved Copies to:														
ITEM OVERRUN**															
\$ 1,060.00															
TOTAL TO DATE >>&															



SR 210 HWY PLANTING Seg 2

CHANGE ORDER and CONTINGENCY BALANCE LOG

EA: 08-1A2714, 08-1A2718L  
 SANBAG CONT. NO.: 06-017  
 RTE.: 08-SBD-210-3.27/6.3  
 STPL-6053(067)

CO JO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR		SANBAG (Appr.)		SANBAG (Trans.)		DATE APPR.		STATUS/ REMARKS
								TO	FROM	TO	FROM	TO	FROM		APPR.	

\* Includes Supplemental Funds & SANBAG Furnished Materials

NOTES:

ITEM No.	\$ Overrun	\$ Balance
32	\$ 1,006.00	\$ 1,006.00
43	\$ 54.00	\$ 1,060.00
		\$ 1,060.00
		\$ 1,060.00

**SR 210 HWY PLANTING Seg 3**  
**CHANGE ORDER and CONTINGENCY BALANCE LOG**

EA: 08-1A2804, 08-1A2808L  
SANBAG CONT. NO.: 06-064  
RTE.: 08-SBD-210-6.3 / 10.3  
STPL-6053(069)

34

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR		SANBAG (Appr.)		SANBAG (Trans)		DATE APPR.	STATUS/REMARKS
								TO	FROM	TO	FROM	TO	FROM		
*CONTINGENCY BUDGET \$ 495,151.26															
1	CONSTRUCTION AREA SIGNS	NCNC	0	\$ -	\$ -	\$ 495,151.26	7/26/2006	7/27/2006	8/25/2006	8/30/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	CCO APPROVED
	Approved Copies to:							8/31/2006		8/31/2006		8/31/2006			
2	IRRIGATION SLEEVE CROSSOVER PIPE SUBSTITUTION	NCNC	0	\$ -	\$ -	\$ 495,151.26	11/7/2006	11/7/2006	12/5/2006	12/5/2006	12/12/2006	12/12/2006	12/12/2006	12/12/2006	CCO APPROVED
	Approved Copies to:							12/12/2006		12/19/2006		12/19/2006			
3	GARDEN WALL VINE HOLES AND BLOCK	AUP	0	\$ 6,945.77	\$ 6,945.77	\$ 488,205.49	12/14/2006	12/15/2006	12/19/2006	12/19/2006	1/10/2007	12/19/2006	1/10/2007	1/10/2007	CCO APPROVED Paid Estimate No. 08
	Approved Copies to:							1/11/2007		12/19/2006		12/19/2006			
4	IRRIGATION CROSSOVER EXTENSION AT CARNELIAN	APLS	0	\$ 2,300.00	\$ 9,245.77	\$ 485,905.49	12/14/2006	12/15/2006	12/19/2006	12/19/2006	12/21/2006	12/19/2006	12/21/2006	12/21/2006	CCO APPROVED Paid Estimate No. 05
	Approved Copies to:							12/21/2006		2/6/2007		2/9/2007		2/9/2007	
5	ADDITION OF PRESSURE REGULATORS	AUP	0	\$ 3,675.00	\$ 12,920.77	\$ 482,230.49	1/30/2007	2/9/2007	2/20/2007	2/20/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	CCO APPROVED Paid Estimate No. 08
	Approved Copies to:							2/9/2007		2/20/2007		2/21/2007		2/21/2007	
6	IRRIGATION CROSSOVERS: BERYL/AMETHYST/MVP	APLS	0	\$ 7,318.00	\$ 20,238.77	\$ 474,912.49	2/6/2007	2/7/2007	2/20/2007	2/20/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	CCO APPROVED Paid Estimate No. 08
	Approved Copies to:							2/22/2007		4/24/2007		4/25/2007		4/30/2007	
6 51	ADULT CROSSOVER WORK AT ARCHIBALD OC	EWFA	0	\$ 5,000.00	\$ 25,238.77	\$ 469,912.49	4/17/2007	4/24/2007	4/24/2007	4/25/2007	4/30/2007	4/25/2007	4/30/2007	4/30/2007	CCO APPROVED
	Approved Copies to:							4/30/2007		2/20/2007		2/21/2007		2/21/2007	
7	CONCRETE CUTTING AND REMOVALS AT GARDEN WALL	APLS EWFA	0	\$ 3,100.00 \$ 6,980.00	\$ 35,238.77	\$ 459,912.49	2/15/2007	2/15/2007	2/20/2007	2/20/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	CCO APPROVED Paid Estimate No. 08
	Approved Copies to:							2/22/2007		7/10/2007		7/10/2007			
8	INSTALLATION OF IRRIGATION PUMPS AT SYSTEM F & G	APLS EWFA		\$ 34,258.41 \$ 5,000.00	\$ 74,497.18	\$ 420,654.08	7/2/2007	7/10/2007	7/10/2007	7/10/2007					CCO IN PROCESS
	Approved Copies to:									5/8/2007		5/8/2007		5/16/2007	
9	ROCK REMOVAL	APLS	0	\$ 11,281.39	\$ 85,778.57	\$ 409,372.69	5/2/2007	5/2/2007	5/8/2007	5/8/2007	5/16/2007	5/8/2007	5/16/2007	5/16/2007	CCO APPROVED
	Approved Copies to:							5/17/2007							
10	RETAINING/MASONRY BLOCK WALL-HIGHLAND AVE, BERYL-TO BELLMAN	DELETED	0	\$ -	\$ 85,778.57	\$ 409,372.69									CCO DELETED Work will proceed per plan 6/19/07
	Approved Copies to:							7/10/2007		7/10/2007		7/10/2007			
11	BUBBLERS	AUP	0	\$ 162.35	\$ 85,940.92	\$ 409,210.34	7/6/2007	7/10/2007	7/10/2007	7/10/2007		7/10/2007			CCO IN PROCESS
	Approved Copies to:														
12	DELETE BID ITEM NO. 24 - HEADER BOARD	ITEM	0	\$ (10,176.00)	\$ 75,764.92	\$ 419,386.34	6/6/2007	6/6/2007	6/18/2007	6/18/2007	6/20/2007	6/18/2007	6/20/2007	6/20/2007	CCO APPROVED No Payment Made to item
	Approved Copies to:							6/20/2007							

7/25/2007

7/25/2007

Date Revised: 7/02/07

SR 210 HWY PLANTING Seg 3  
CHANGE ORDER and CONTINGENCY BALANCE LOG

EA: 08-1A2804, 08-1A2808L  
SANBAG CONT. NO.: 06-064  
RTE.: 08-SBD-210-6.3 / 10.3  
STPL-6053(069)

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR		SANBAG (Appr.)		SANBAG (Trans.)		DATE		STATUS/REMARKS
								TO	FROM	TO	FROM	TO	FROM	TO	FROM	
13	MISCELLANEOUS CONSTRUCTION REPAIRS	EWFA	0	\$ 10,000.00	\$ 85,764.92	\$ 409,386.34										CCO PENDING
	Approved Copies to:															
14	ADDITION OF SINGLE COMPOSITE GATE AT GARDEN WALL	ITEM	0	\$ 1,555.00	\$ 87,319.92	\$ 407,831.34	7/6/2007	7/10/2007	7/10/2007	7/10/2007	7/10/2007	7/10/2007				CCO IN PROCESS
	Approved Copies to:															
ITEM OVERRUN**																
TOTAL TO DATE>>>>>>>>					0	\$ 85,778.57	\$ 407,831.34									

NOTES: \* Includes Supplemental Funds & SANBAG Furnished Materials

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ITEM No.	\$ Overrun	\$ Balance
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -

**SR 210 HWY PLANTING Seg 4**  
**CHANGE ORDER and CONTINGENCY BALANCE LOG**

EA: 08-1A2814, 08-1A2818L  
 SANBAG CONT. NO.: 06-065  
 RTE.: 08-SBD-210-10.3/13.4  
 STPL-6053(070)

36

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR		SANBAG (Appr.)		SANBAG (Trans.)		DATE APPR.	STATUS/REMARKS
								TO	FROM	TO	FROM	TO	FROM		
*CONTINGENCY BUDGET \$ 338,690.54															
1	CONSTRUCTION AREA SIGNS	NCNC	0	\$ -	\$ -	\$ 338,690.54	7/26/2006	7/27/2006	8/22/2006	10/1/2006	10/5/2006	10/5/2006	10/5/2006	10/5/2006	CCO APPROVED
	Approved Copies to:														
2	ADDITIONAL WATER DEVELOPMENT FEES	APLS	0	\$ 4,215.00	\$ 4,215.00	\$ 334,475.54	10/16/2006	10/19/2006	10/26/2006	10/26/2006	10/26/2006	10/26/2006	10/26/2006	10/26/2006	CCO APPROVED Paid on Est. No. 04
	Approved Copies to:														
3	PRESSURE REGULATOR MASTER VALVES	PENDING	0	\$ -	\$ 4,215.00	\$ 334,475.54									CCO PENDING Request for quote sent 5/16/07
	Approved Copies to:														
4	BUBBLERS	NCNC	0	\$ -	\$ 4,215.00	\$ 334,475.54	6/6/2007	6/6/2007	6/13/2007	6/18/2007	6/20/2007	6/18/2007	6/20/2007	6/20/2007	CCO APPROVED
	Approved Copies to:														
5	DELETE BID ITEM NO. 21 - HEADER BOARD	ITEM	0	\$ (6,071.00)	\$ (1,856.00)	\$ 340,546.54	6/6/2007	6/6/2007	6/13/2007	6/18/2007	6/20/2007	6/18/2007	6/20/2007	6/20/2007	CCO APPROVED
	Approved Copies to:														
6	ROCK PICK-UP			\$ -	\$ (1,856.00)	\$ 340,546.54									CCO PENDING
	Approved Copies to:														
7				\$ -	\$ (1,856.00)	\$ 340,546.54									
	Approved Copies to:														
8				\$ -	\$ (1,856.00)	\$ 340,546.54									
	Approved Copies to:														
9				\$ -	\$ (1,856.00)	\$ 340,546.54									
	Approved Copies to:														
10				\$ -	\$ (1,856.00)	\$ 340,546.54									
	Approved Copies to:														
ITEM OVERRUN**															
TOTAL TO DATE >>>>>>>>				0	\$ (1,856.00)	\$ 324,554.54									

NOTES: \* Includes Supplemental Funds & SANBAG Furnished Materials

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ITEM No.	\$ Overrun	\$ Balance
12	\$ 15,992.00	\$ 15,992.00
		\$ 15,992.00
		\$ 15,992.00
		\$ 15,992.00

Tier 2

CCO Balance Log

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR		SANBAG (Appr.)		SANBAG (Trans.)		DATE APPR.	STATUS/REMARKS
								TO	FROM	TO	FROM	TO	FROM		
*CONTINGENCY BUDGET \$															
1	Waterman@28th, Highland@Lincoln and Highland@Boulder	LS	0	\$ 12,400.00	\$ 12,400.00	\$ 162,130.00	2/12/2007	2/14/2007	2/19/2007	2/19/2007	2/22/2007	2/19/2007	2/22/2007	2/21/2007	APPROVED
	Approved copies to:							2/26/2007							
2	Watermain Break Foothill and Euclalyptus	T&M	0	\$99,672.65	\$ 112,072.65	\$ 62,457.35	5/9/2007	5/10/2007	5/10/2007	5/14/2007	5/16/2007	5/16/2007	5/16/2007	5/16/2007	APPROVED
	Approved Copies to:							5/17/2007							
3	Rancho Cucamonga City Hall conduit	T&M	0	\$5,522.87	\$117,595.52	\$ 56,934.48	5/22/2007	5/22/2007	5/25/2007	5/29/2007	6/5/2007	5/29/2007	6/5/2007	5/30/2007	APPROVED
	Approved Copies to:							6/6/2007							
4	CENTRAL CONDUIT REPAIR & BARTON FOUNDATION	T&M	0	\$ (1,003.46)	\$ 116,592.06	\$ 57,937.94	5/22/2007	5/22/2007	5/25/2007	5/29/2007	6/5/2007	5/29/2007	6/5/2007	5/30/2007	APPROVED
	Approved copies to:							6/6/2007							
5	GRAND TERRACE CITY HALL CONDUIT	T&M	0	\$ 2,071.98	\$ 118,664.04	\$ 55,865.96	5/22/2007	5/22/2007	5/25/2007	5/29/2007	6/5/2007	5/29/2007	6/5/2007	5/30/2007	APPROVED
	Approved Copies to:							6/6/2007							
6				\$ -	\$ 118,664.04	\$ 55,865.96									
	Approved Copies to:														
7				\$ -	\$ 118,664.04	\$ 55,865.96									
	Approved Copies to:														
8				\$ -	\$ 118,664.04	\$ 55,865.96									
	Approved Copies to:														
9				\$ -	\$ 118,664.04	\$ 55,865.96									
	Approved Copies to:														
10				\$ -	\$ 118,664.04	\$ 55,865.96									
	Approved Copies to:														
ITEM OVER RUN**															
TOTAL TO DATE >>>>>>>															
			0	\$ 118,664.04	\$ 118,664.04	\$ 118,664.04									

NOTES: \* Includes Supplemental Funds & SANBAG Furnished Materials

ITEM No.	\$ Overrun	\$ Balance
		\$ -
		\$ -
		\$ -
		\$ -

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority  
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

## *Minute Action*

AGENDA ITEM: 4

**Date:** August 9, 2007

**Subject:** Design Cooperative Agreement No. C08044 with Caltrans for the Interstate 10 Westbound Lane addition

**Recommendation:\*** Approve Design Cooperative Agreement No. C08044 with Caltrans for the Interstate 10 Westbound Lane Addition

**Background:** **This is a new cooperative agreement.** Under state law, SANBAG and Caltrans are required to enter into cooperative agreements for all phases of project development and construction of the Measure I Valley Major Projects Program. This item concerns the cooperative agreement for the design of the Interstate 10 Westbound Lane Addition project, a project funded from both Measure I and Proposition 1B Corridor Mobility Improvement Account funds. The agreement basically governs the allocation of responsibilities between SANBAG and Caltrans, and stipulates the manner of oversight. It imposes no direct financial obligations on SANBAG, other than the costs of design to which SANBAG has already committed. These are typical design agreements, virtually identical to those previously executed on all other segments of Route 30, Route 71, and I-10.

**Financial Impact:** A design cooperative agreement generally serves to assign design responsibilities to the respective parties of the agreement and has limited financial impact to the SANBAG 2007/08 Budget. TN 86208000.

**Reviewed By:** This item will be reviewed by the Major Projects Committee on August 9, 2007.

**Responsible Staff:** Darren Kettle, Director of Freeway Construction

*Approved*  
*Major Projects Committee*

*Date: August 9, 2007*

*Moved: Second:*

*In Favor: Opposed: Abstained:*

*Witnessed: \_\_\_\_\_*

by and between

San Bernardino County Transportation Authority




and

California Department of Transportation

for

I-10 Westbound Lane Addition Project DevelopmentCo-Operative Agreement

FOR ACCOUNTING PURPOSES ONLY				
<input type="checkbox"/> Payable <input type="checkbox"/> Receivable	Vendor Contract # _____ Vendor ID _____	Retention: <input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment	
Notes:				
Original Contract: \$ <u>0</u>  Contingency Amount: \$ <u>0</u>	Previous Amendments Total: \$ _____ Previous Amendments Contingency Total: \$ _____ Current Amendment: \$ _____ Current Amendment Contingency: \$ _____  Contingency Amount requires specific authorization by Task Manager prior to release.			
Contract TOTAL →				\$ <u>0</u>
↓ Please include funding allocation for the original contract or the amendment.				
Task	Cost Code	Funding Sources	Grant ID	Amounts
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
Original Board Approved Contract Date: _____		Contract Start: _____		Contract End: _____
New Amend. Approval (Board) Date: _____		Amend. Start: _____		Amend. End: _____
If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:				
Approved Budget Authority →	Fiscal Year: _____ \$ _____	Future Fiscal Year(s) – Unbudgeted Obligation →		\$ _____
Is this consistent with the adopted budget? <input type="checkbox"/> Yes <input type="checkbox"/> No				
If yes, which Task includes budget authority? _____				
If no, has the budget amendment been submitted? <input type="checkbox"/> Yes <input type="checkbox"/> No				
CONTRACT MANAGEMENT				
Please mark an "X" next to all that apply:				
<input checked="" type="checkbox"/> Intergovernmental <input type="checkbox"/> Private <input type="checkbox"/> Non-Local <input type="checkbox"/> Local <input type="checkbox"/> Partly Local				
Disadvantaged Business Enterprise: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes _____ %				
Task Manager: Darren Kettle			Contract Manager: Lisa DaSilva	

 Task Manager Signature	Date	 Contract Manager Signature	Date
 Chief Financial Officer Signature	Date		

District Agreement No. 8-1286

08-SBd-10 KP 53.6/59.7

(PM 33.3/36.9)

Add W/B mixed flow lane from  
Ford Street to Live Oak Canyon Rd  
In the Cities of Redlands & Yucaipa  
EA 0F1500

District Agreement No. 8-1286

**DRAFT (non executable)**

## **PROJECT DEVELOPMENT COOPERATIVE AGREEMENT**

This AGREEMENT, entered into effective on \_\_\_\_\_, 2007, is between the  
STATE OF CALIFORNIA, acting by and through its Department of Transportation, referred to  
herein as "STATE," and the

SAN BERNARDINO COUNTY  
TRANSPORTATION AUTHORITY public entity,  
referred to herein as "AUTHORITY."

### **RECITALS**

1. STATE and AUTHORITY, pursuant to Streets and Highways Code sections 114 and 130, are authorized to enter into a Cooperative Agreement for improvements to the State Highway System (SHS) within AUTHORITY's jurisdiction.
2. AUTHORITY desires to construct SHS improvements consisting of adding one (1) westbound mixed flow lane on Interstate 10 (I-10) between Ford Street in the City of Redlands and Live Oak Canyon Road in the City of Yucaipa, referred to herein as "PROJECT."
3. AUTHORITY is willing to fund one hundred percent (100%) of all capital outlay and support costs, except that the costs of STATE's Independent Quality Assurance (IQA) of PROJECT development and STATE's costs incurred as the California Environmental Quality Act (CEQA) Lead Agency and National Environmental Policy Act (NEPA) Lead Agency, if applicable, in the review and approval if appropriate of the PROJECT environmental documentation prepared entirely by AUTHORITY, will be borne by STATE.
4. STATE funds will not be used to finance any of the PROJECT capital and support costs except as set forth in Recital 3 above.



5. The terms of this Agreement shall supersede any inconsistent terms of any prior Memorandum of Understanding (MOU) or agreement relating to PROJECT.
6. PROJECT landscape maintenance and construction will be the subject of a separate future agreement or agreements.
7. This Agreement will define the roles and responsibilities of the CEQA Lead Agency and CEQA Responsible Agency regarding the environmental documentation, studies, and reports necessary for compliance with CEQA. This Agreement will also define roles and responsibilities for compliance with NEPA, if applicable.
8. The parties now define herein below the terms and conditions under which PROJECT is to be developed, designed, and financed.

## SECTION I

### AUTHORITY AGREES:

1. To fund one hundred percent (100%) of all PROJECT development costs except for costs of STATE's IQA, STATE's review, comment, and approval if appropriate, of the PROJECT environmental documentation for CEQA, and NEPA if applicable.
2. To not use STATE funds for any PROJECT capital and support costs.
3. All PROJECT work performed by AUTHORITY, or performed on AUTHORITY's behalf, shall be performed in accordance with all State and Federal laws, regulations, policies, procedures, and standards that STATE would normally follow. All such PROJECT work shall be submitted to STATE for STATE's review, comment, and concurrence at appropriate stages of development.
4. All PROJECT work, except as set forth in this Agreement, is to be performed by AUTHORITY. Should AUTHORITY request that STATE perform any portion of PROJECT work, except as otherwise set forth in this Agreement, AUTHORITY shall first agree to reimburse STATE for such work pursuant to an amendment to this Agreement or a separate executed agreement.
5. To have a Project Report/Project Study Report (PR/PSR) and detailed Plans, Specifications, and Estimates (PS&E) prepared, at no cost to STATE, and to submit each to STATE for STATE's review and concurrence at appropriate stages of development. The PR/PSR, and the final PS&E for PROJECT shall be signed on behalf of AUTHORITY by a Civil Engineer registered in the State of California. AUTHORITY agrees to provide landscape plans prepared and signed by a licensed California Landscape Architect.

6. To have all necessary right of way maps and documents used to acquire right of way by AUTHORITY prepared by or under the direction of a person authorized to practice land surveying in the State of California. Each right of way map and document shall bear the appropriate professional seal, certificate number, expiration date of registration certification and signature of the licensed person in Responsible Charge of Work.
7. To permit STATE to monitor, participate, and oversee the selection of personnel who will prepare the PR/PSR, conduct environmental studies and prepare environmental documentation, prepare the PS&E, provide right of way engineering services, and provide right of way acquisition services. AUTHORITY agrees to consider any request by STATE to discontinue the services of any personnel considered by STATE to be unqualified on the basis of credentials, professional expertise, failure to perform, and/or other pertinent criteria.
8. To submit to STATE for review and concurrence all Right of Way Engineering Land-Net Maps and Right of Way Appraisal Maps, Records of Survey, and Right of Way Record Maps in accordance with STATE's Right of Way Manual, Chapter 6, Right of Way Engineering, STATE's Plans Preparation Manual, STATE's Surveys Manual, applicable State laws, and other pertinent reference materials and examples as provided by STATE.
9. Personnel who prepare the PS&E and environmental documentation, including the investigative studies and technical environmental reports, shall be made available to STATE, at no cost to STATE, through completion of PROJECT construction to discuss problems which may arise during PS&E, right of way acquisition, construction, and/or to make design revisions for contract change orders.
10. Personnel who prepare right of way maps, documents, and related materials shall be made available to STATE, at no cost to STATE, during and after construction of PROJECT until completion and acceptance by STATE of Right of Way Record Maps, Records of Survey, and title to any property intended to be transferred to STATE.
11. To make written application to STATE for necessary encroachment permits authorizing entry of AUTHORITY onto the SHS right of way to perform surveying and other investigative activities required for preparation of the PR/PSR, environmental documentation, and/or PS&E.
12. To identify and locate all utility facilities within the area of PROJECT as part of the design responsibility for PROJECT. All utility facilities not relocated or removed in advance of construction shall be identified on the PS&E for PROJECT.
13. If any existing utility facilities conflict with the construction of PROJECT or violate STATE's encroachment policy, AUTHORITY shall make all necessary arrangements with the owners of such facilities for their timely accommodation, protection, relocation, or removal.

The costs for the PROJECT's positive identification and location, protection, relocation, or removal of utility facilities whether inside or outside STATE's right of way shall be determined in accordance with Federal and California laws and regulations, and STATE's policies and procedures, standards, practices, and applicable agreements including, but not limited to, Freeway Master Contracts.

14. To furnish evidence to STATE, in a form acceptable to STATE, that arrangements have been made for the protection, relocation, or removal of all conflicting facilities within the SHS right of way and that such work will be completed prior to the award of the contract to construct PROJECT or as covered in the PS&E for said contract. This evidence shall include a reference to all required SHS encroachment permits.
15. To acquire and furnish all right of way, if any, outside of the existing SHS right of way and to perform all right of way activities, including all eminent domain activities, if necessary, at no cost to STATE, and in accordance with procedures acceptable to STATE. These activities shall comply with all applicable State and Federal laws and regulations, subject to STATE's IQA to ensure that the completed work and title to property acquired for PROJECT is acceptable for incorporation into the SHS right of way.
16. To utilize the services of a qualified public agency or a qualified consultant, as determined by STATE's District Division Chief of Right of Way, in all matters related to the acquisition of right of way in accordance with STATE's procedures as published in STATE's current Right of Way Manual. Whenever personnel other than personnel of a qualified public agency, or a qualified consultant, are utilized, administration of the personnel contract shall be performed by a qualified Right of Way person employed or retained by AUTHORITY.
17. To certify legal and physical control of right of way ready for construction and that all right of way parcels were acquired in accordance with applicable State and Federal laws and regulations, subject to review and concurrence by STATE prior to the advertisement for bids for the contract to construct PROJECT.
18. To deliver to STATE legal title to the right of way, including access rights, free and clear of all encumbrances detrimental to STATE's present and future uses not later than the date of acceptance by STATE of maintenance and operation of the SHS facility. Acceptance of said title by STATE is subject to a review of a Policy of Title Insurance in the name of the State of California to be provided and paid for by AUTHORITY.
19. To be responsible for, and to the STATE's satisfaction, the investigation of potential hazardous material sites within and outside of the existing SHS right of way that could impact PROJECT as part of performing any preliminary engineering work. If AUTHORITY discovers hazardous material or contamination within the PROJECT study area during said investigation, AUTHORITY shall immediately notify STATE.

20. If AUTHORITY desires to have STATE advertise, award, and administer the construction contract for PROJECT, AUTHORITY shall provide STATE with acceptable plans prepared by AUTHORITY or AUTHORITY's consultant on either 80 min/700mb CDs or DVDs 4.7 GB or 8.5 GB double capacity DVDs using Micro Station Version 08.05.02.47 .dgn files, CaiCE Visual Transportation Version 10. SP5 (CaiCE VT). One copy of the data on CD/DVD, including the Engineers electronic signature and seal, shall be provided to STATE upon completion of the final PROJECT PS&E. STATE reserves the right to modify these CD/DVD requirements and STATE shall provide AUTHORITY advance notice of any such modifications. Files may be submitted on up to five (5) CDs or, if larger, on DVDs. All submittal files shall be compressed and shall be successfully run through AXIOM FILEFIXER software or EDG. Reimbursement to STATE for costs incurred by STATE to advertise, award, and administer the construction contract for PROJECT will be covered in the separate Cooperative Agreement referred to in Article 16 of Section III of this Agreement.
21. All aerial photography and photogrammetric mapping shall conform to STATE's current standards.
22. A copy of all original survey documents resulting from surveys performed for PROJECT, including original field notes, adjustment calculations, final results, and appropriate intermediate documents, shall be delivered to STATE and shall become property of STATE. For aerial mapping, all information and materials listed in the document "Materials Needed to Review Consultant Photogrammetric Mapping" shall be delivered to STATE and shall become property of STATE.
23. All original recorded land title documents created by PROJECT shall be delivered to STATE and become property of STATE.
24. To submit to STATE a list of STATE horizontal and vertical control monuments which will be used to control surveying activities for PROJECT.

## SECTION II

### STATE AGREES:

1. At no cost to AUTHORITY, to complete STATE's review as CEQA Lead Agency and NEPA Lead Agency, if applicable, of the environmental documents prepared and submitted by AUTHORITY and to provide IQA of all AUTHORITY work necessary for completion of the PR/PSR and PS&E for PROJECT done by AUTHORITY, including, but not limited to, investigation of potential hazardous material sites and all right of way activities undertaken by AUTHORITY or its designee, and provide prompt reviews and concurrence, as appropriate, of submittals by AUTHORITY, while cooperating in timely processing of documents necessary for completion of the environmental documentation, PR/PSR, and PS&E for PROJECT.

2. Upon proper application by AUTHORITY and by AUTHORITY's contractor, to issue, at no cost to AUTHORITY and AUTHORITY's contractor, the necessary encroachment permits for required work within the SHS right of way as more specifically defined elsewhere in this Agreement.

### SECTION III

#### IT IS MUTUALLY AGREED:

1. All obligations of STATE under the terms of this Agreement are subject to the appropriation of resources by the Legislature, State Budget Act authority and the allocation of funds by the California Transportation Commission (CTC).
2. The parties to this Agreement understand and agree that STATE's IQA is defined as providing STATE policy and procedural guidance through to completion of the PROJECT preliminary engineering, PS&E, and right of way phases administered by AUTHORITY. This guidance includes prompt reviews by STATE to assure that all work and products delivered or incorporated into the PROJECT by AUTHORITY conform with then existing STATE standards. IQA does not include any PROJECT related work deemed necessary to actually develop and deliver the PROJECT, nor does it involve any validation to verify and recheck any work performed by AUTHORITY and/or its consultants or contractors and no liability will be assignable to STATE, its officers and employees by AUTHORITY under the terms of this Agreement or by third parties by reason of STATE's IQA activities. All work performed by STATE that is not direct IQA shall be chargeable against PROJECT funds as a service for which STATE will invoice its actual costs and AUTHORITY will pay or authorize STATE to reimburse itself from then available PROJECT funds.
3. The design, right of way acquisition, and preparation of environmental documentation and related investigative technical reports and technical environmental reports for PROJECT shall be performed in accordance with all applicable Federal and STATE standards and practices current as of the date of performance. Any exceptions to applicable design standards shall first be considered by STATE for approval via the processes outlined in STATE's Highway Design Manual and appropriate memoranda and design bulletins published by STATE. In the event that STATE proposes and/or requires a change in design standards, implementation of new or revised design standards shall be done as part of the work on PROJECT in accordance with STATE's current Highway Design Manual Section 82.5, "Effective Date for Implementing Revisions to Design Standards." STATE shall consult with AUTHORITY in a timely manner regarding the effect of proposed and/or required changes on PROJECT.
4. STATE will be the CEQA Lead Agency and AUTHORITY will be a CEQA Responsible Agency. The STATE will be the Federal Lead Agency for NEPA if applicable.

AUTHORITY will assess PROJECT impacts on the environment and AUTHORITY will prepare the appropriate level of environmental documentation and necessary associated supporting investigative studies and technical environmental reports in order to meet the requirements of CEQA and NEPA. If applicable, AUTHORITY will submit to STATE all investigative studies and technical environmental reports for STATE's review, comment, and approval. The environmental document and/or categorical exemption/exclusion determination, including the administrative draft, draft, administrative final, and final environmental documentation, as applicable, will require STATE's review, comment, and approval prior to public availability.

If, during preparation of preliminary engineering, preparation of the PS&E, performance of right of way activities, or performance of PROJECT construction, new information is obtained which requires the preparation of additional environmental documentation to comply with CEQA and/or NEPA if applicable, this Agreement will be amended to include completion of these additional tasks by AUTHORITY.

5. AUTHORITY agrees to obtain, as a PROJECT cost, all necessary PROJECT permits, agreements and approvals from appropriate regulatory agencies, unless the parties agree otherwise in writing. If STATE agrees in writing to obtain said PROJECT permits, agreements, and/or approvals, those said costs shall be paid by AUTHORITY, as a PROJECT cost.
6. AUTHORITY shall be fully responsible for complying with and implementing any and all environmental commitments set forth in the environmental documentation, permit(s), agreement(s) and/or environmental approvals for PROJECT. The costs of said compliance and implementation shall be a PROJECT cost.
7. If there is a legal challenge to the environmental documentation, including supporting investigative studies and/or technical environmental report(s), permit(s), agreement(s), environmental commitments and/or environmental approval(s) for PROJECT, all legal costs associated with those said legal challenges shall be a PROJECT cost.
8. STATE, as a PROJECT cost, shall be responsible for overseeing the planning, scheduling and holding of all public meetings/hearings related to the CEQA environmental process. AUTHORITY, to the satisfaction of STATE and subject to all of STATE's policies and procedures, shall be responsible for performing the planning, scheduling and details of holding all public meetings/hearings related to the CEQA environmental process. STATE will participate as CEQA Lead Agency in all public meetings/hearings related to the CEQA environmental process for PROJECT. If PROJECT is also subject to NEPA compliance, STATE shall be responsible to assure the planning, scheduling and holding of NEPA related public meetings/hearings on the PROJECT is satisfactory with FHWA. AUTHORITY shall provide STATE the opportunity to provide comments on any meeting exhibits, handouts or other materials at least ten (10) days prior to any such meetings/hearings. STATE, and if applicable, FHWA maintain(s) final editorial control of exhibits, handouts or other material to be used at the public meetings/hearings.

AUTHORITY, subject to STATE's prior review and approval, as a PROJECT cost, shall be responsible for preparing, submitting, publicizing and circulating all public notices related to the CEQA environmental process, including, but not limited to, notice(s) of availability of the environmental document and/or determinations and notices of public hearings. Public notices shall comply with all State and Federal laws, regulations, policies and procedures.

9. In the event AUTHORITY would like to hold separate and/or additional public meetings regarding the PROJECT, AUTHORITY must clarify in any meeting notices, exhibits, handouts or other material that STATE is the CEQA Lead Agency and AUTHORITY is the CEQA Responsible Agency. Such notices, handouts and other materials shall also specify that public comments gathered at such meetings are not part of the CEQA public review process. AUTHORITY shall provide STATE the opportunity to provide comments on any meeting exhibits, handouts or other materials at least ten (10) days prior to any such meetings/hearings. STATE will maintain final editorial control of exhibits, handouts or other materials to be used at the public meeting/hearing solely with respect to text or graphics that could lead to public confusion over CEQA related roles and responsibilities.
10. All administrative reports, studies, materials, and documentation, including, but not limited to, all administrative drafts and administrative finals, relied upon, produced, created or utilized for PROJECT will be held in confidence pursuant to Government Code section 6254.5(e). The parties agree that said material will not be distributed, released or shared with any other organization, person or group other than the parties' employees, agents and consultants whose work requires that access without the prior written approval of the party with the authority to authorize said release and except as required or authorized by statute or pursuant to the terms of this Agreement.
11. AUTHORITY's share of all changes in development and construction costs associated with modifications to the basic design features as described above shall be in the same proportion as described in this Agreement, unless mutually agreed to the contrary by STATE and AUTHORITY in a subsequent amendment to this Agreement.
12. Any hazardous material or contamination of an HM-1 category found within existing SHS right of way during PROJECT shall be the responsibility of STATE. Any hazardous material or contamination of an HM-1 category found within local road right of way during PROJECT shall be the responsibility of AUTHORITY. For the purpose of this Agreement, hazardous material of HM-1 category is defined as that level or type of contamination which must be remediated by reason of its mere discovery regardless of whether it is disturbed by PROJECT or not. STATE shall sign the HM-1 manifest and pay all costs for remedy or remedial action within existing SHS right of way, except that if STATE determines, in its sole judgment, that STATE's cost for remedy or remedial action is increased as a result of AUTHORITY's decision to proceed with PROJECT, that additional cost identified by STATE shall be borne by AUTHORITY. AUTHORITY shall sign the HM-1 manifest and pay all costs for required remedy or remedial action within local road right of way or other property. While STATE will exert

every reasonable effort to fund the remedy or remedial action for which STATE is responsible, in the event STATE is unable to provide funding, AUTHORITY will have the option to either delay PROJECT until STATE is able to provide that corrective funding or AUTHORITY may proceed with the remedy or remedial action as a PROJECT expense without any subsequent reimbursement by STATE.

13. Any remedy or remedial action with respect to any hazardous material or contamination of an HM-2 category found within existing SHS right of way shall be the responsibility of AUTHORITY, who shall sign the HM-2 manifest and management of HM-2 will be a PROJECT cost if the PROJECT proceeds. Any remedy or remedial action with respect to any hazardous material or contamination of an HM-2 category found within AUTHORITY right of way shall be the responsibility of AUTHORITY who shall sign the HM-2 manifest and management of HM-2 will be at AUTHORITY's cost, if the PROJECT proceeds. For the purposes of this Agreement any hazardous material or contamination of HM-2 category is defined as that level or type of contamination which said regulatory control agencies would have allowed to remain in place if undisturbed had PROJECT not proceeded.
14. If hazardous material or contamination of either HM-1 or HM-2 category is found on new right of way acquired by or on account of AUTHORITY for PROJECT, AUTHORITY shall be responsible, at AUTHORITY's expense, for all required remedy or remedial action and/or protection in the absence of a generator or prior property owner willing and prepared to perform that corrective work.
15. Remedial actions proposed by AUTHORITY on SHS right of way shall be pre-approved by STATE and shall be performed in accordance with STATE's standards and practices and standards and practices mandated by those Federal and State regulatory agencies.
16. A separate Cooperative Agreement or agreements will be required to address Landscape Maintenance, and to cover responsibilities and funding for the construction phase of PROJECT.
17. Nothing within the provisions of this Agreement is intended to create duties or obligations to or rights in third parties not parties to this Agreement or to affect the legal liability of either party to the Agreement by imposing any standard of care with respect to the development, design, construction, operation, or maintenance of the SHS and public facilities different from the standard of care imposed by law.
18. Neither STATE nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by AUTHORITY under or in connection with any work, authority or jurisdiction conferred upon AUTHORITY and arising under this Agreement. It is understood and agreed that AUTHORITY shall fully defend, indemnify and save harmless STATE and all its officers and employees from all claims, suits or actions of every name, kind and description brought forth under, including, but not limited to, tortious, contractual,



inverse condemnation and other theories or assertions of liability occurring by reason of anything done or omitted to be done by AUTHORITY under this Agreement.

19. Neither AUTHORITY nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by STATE, under or in connection with any work, authority or jurisdiction conferred upon STATE and arising under this Agreement. It is understood and agreed that STATE shall fully defend, indemnify and save harmless AUTHORITY and all its officers and employees from all claims, suits or actions of every name, kind and description brought forth under, including, but not limited to, tortious, contractual, inverse condemnation and other theories or assertions of liability occurring by reason of anything done or omitted to be done by STATE under this Agreement.
20. Prior to the commencement of any work pursuant to this Agreement, either STATE or AUTHORITY may terminate this Agreement by written notice to the other party.
21. No alteration or variation of the terms of this Agreement shall be valid unless made by a formal amendment executed by the parties hereto and no oral understanding or agreement not incorporated herein shall be binding on any of the parties hereto.
22. This Agreement shall terminate upon the satisfactory completion of all post-PROJECT construction obligations of AUTHORITY and the delivery of required PROJECT construction documents, with concurrence of STATE, or on December 31, 2014, whichever is earlier in time, except that the ownership, operation, maintenance, indemnification, environmental commitments, legal challenges, and claims articles shall remain in effect until terminated or modified, in writing, by mutual agreement. Should any construction related or other claims arising out of PROJECT be asserted against one of the parties, the parties agree to extend the fixed termination date of this Agreement, until such time as the construction related claims are settled, dismissed or paid.

SIGNATURES ON FOLLOWING PAGE:

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

WILL KEMPTON  
Director

By: \_\_\_\_\_  
MICHAEL A. PEROVICH  
District Director

APPROVED AS TO FORM AND  
PROCEDURE:

By: \_\_\_\_\_  
Attorney,  
Department of Transportation

CERTIFIED AS TO FUNDS:

By: \_\_\_\_\_  
District Budget Manager

CERTIFIED AS TO FINANCIAL TERMS  
AND POLICIES:

By: \_\_\_\_\_  
Accounting Administrator

SAN BERNARDINO COUNTY  
TRANSPORTATION AUTHORITY

By: \_\_\_\_\_  
LAWRENCE DALE  
Board of Directors

Attest: \_\_\_\_\_  
VICKI WATSON  
Board Secretary

APPROVED AS TO FORM AND  
PROCEDURE:

By: \_\_\_\_\_  
JEAN-RENE BASLE  
AUTHORITY Counsel

- 
- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
  - San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies
- 

## *Minute Action*

AGENDA ITEM: 5

**Date:** August 9, 2007

**Subject:** Cooperative Agreement No. R08007 with Lowes HIW Corporation for the State Street/University Parkway Grade Separation Project.

**Recommendation:\*** Approve Cooperative Agreement No. R08007 with Lowes HIW Corporation (LOWES) for the Street/University Parkway Grade Separation which would result in receiving an estimated \$60,000 as detailed in the Financial Impact Section. TN 87108000

**Background:** **This is a new cooperative agreement.** LOWES is developing a new home improvement warehouse with frontage on University Parkway in San Bernardino at the northerly limit of SANBAG's State Street/University Parkway grade separation project. A condition placed on the development by the City of San Bernardino included city street improvements and a raised center median on University Parkway. After discussions with the City and developer about the status of the LOWES project it became apparent that if LOWES proceeded with their improvements, portions of those improvements would later be damaged due to SANBAG's construction project. In order to eliminate the potential of damage and "throw-away" SANBAG and developer negotiated this agreement.

This agreement specifies that as part of the State Street/University Parkway Grade Separation project SANBAG will construct the necessary improvements conditioned upon LOWES by the City and LOWES will reimburse SANBAG for both the costs to incorporate the design into the grade separation project and the construction costs estimated at a total of \$60,000, including \$55,000 for construction as bid by Skanska Civil, SANBAG's construction contractor for the grade separation project, and approximately \$5,000 in design costs.

\*

---

*Approved*  
*Major Projects Committee*

*Date: August 9, 2007*

*Moved: Second:*

*In Favor:      Opposed:      Abstained:*

*Witnessed: \_\_\_\_\_*

SANBAG will construct a raised concrete median, curb, gutter, driveway and street improvements along the University Parkway frontage of the LOWES development to the Hallmark Parkway/University Parkway intersection. This work was included as an additional item in SANBAG's bid documents for the State Street/University Parkway Grade Separation project. The work will only be performed by SANBAG's contractor upon execution of this agreement. As referenced above the contractor's bid for this additional work is \$55,000.

***Financial Impact:*** The agreement provides that LOWES will reimburse SANBAG for the design and construction costs for the work associated with the LOWES project. The estimated cost is \$60,000. The construction of the State Street/University Parkway project is funded by Traffic Congestion Relief Program funds. TN 87108000

***Reviewed By:*** This item will be reviewed by the Major Projects Committee on August 9, 2007.

***Responsible Staff:*** Darren Kettle, Director of Freeway Construction

**SANBAG Contract No. R08-007**

by and between

San Bernardino County Transportation Authority

and

Lowe's HIW, Inc.

for

State Street/University Parkway Grade Separation Project

**FOR ACCOUNTING PURPOSES ONLY**

<input type="checkbox"/> Payable	Vendor Contract # _____	Retention:	<input checked="" type="checkbox"/> Original
<input checked="" type="checkbox"/> Receivable	Vendor ID _____	<input type="checkbox"/> Yes _____ % <input checked="" type="checkbox"/> No	<input type="checkbox"/> Amendment

Notes: This is a reimbursement contract

Original Contract: \$ <u>(60,000) est.</u>	Previous Amendments Total: \$ _____
Contingency Amount: \$ _____	Previous Amendments Contingency Total: \$ _____
	Current Amendment: \$ _____
	Current Amendment Contingency: \$ _____

Contingency Amount requires specific authorization by Task Manager prior to release.

**Contract TOTAL →** \$ (60,000) est.

↓ Please include funding allocation for the original contract or the amendment.

Task	Cost Code	Funding Sources	Grant ID	Amounts
<u>871CZZ08</u>	<u>5554</u>	<u>Meas. I Valley M.P.</u>	_____	\$ <u>60,000 R est.</u>
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____

Original Board Approved Contract Date: <u>9/12/07</u>	Contract Start: <u>9/12/07</u>	Contract End: <u>9/12/09</u>
New Amend. Approval (Board) Date: _____	Amend. Start: _____	Amend. End: _____

**If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:**

Approved Budget Authority →	Fiscal Year: <u>07/08</u>	Future Fiscal Year(s) – Unbudgeted Obligation →	\$ _____
	\$ <u>60,000R est.</u>		

Is this consistent with the adopted budget? ☒ Yes ☐ No

If yes, which Task includes budget authority? 871

If no, has the budget amendment been submitted? ☐ Yes ☐ No

**CONTRACT MANAGEMENT**

Please mark an "X" next to all that apply:

☐ Intergovernmental ☒ Private ☐ Non-Local ☐ Local ☐ Partly Local

Disadvantaged Business Enterprise: ☒ No ☐ Yes \_\_\_\_\_ %

Task Manager: Darren Kettle Contract Manager: Dennis Saylor

Darren Kettle 8-2-07  
Task Manager Signature Date

Dennis Saylor 8/2/07  
Contract Manager Signature Date

Jim McLeerie 8/2/07  
Chief Financial Officer Signature Date

**CONTRACT R08-007**

**COOPERATIVE AGREEMENT**

**BETWEEN**

**SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY/  
SAN BERNARDINO ASSOCIATED GOVERNMENTS**

**AND LOWE'S**

**FOR THE**

**STATE STREET/UNIVERSITY PARKWAY GRADE SEPARATION PROJECT**

This Cooperative Agreement is made and entered into this 12th day of September, 2007 (herein referred to as AGREEMENT), by and between Lowe's HIW, Inc., a Washington corporation (herein referred to as "Lowe's") and the San Bernardino County Transportation Authority/San Bernardino Associated Governments (herein referred to as "SANBAG"). This AGREEMENT defines specific SANBAG and Lowe's tasks and responsibilities for the development and construction of the State Street/University Parkway Grade Separation Project (herein referred to as the PROJECT).

**Witnesseth**

WHEREAS, the PROJECT consists of constructing the State Street/University Parkway Grade Separation Project which improves traffic circulation in this area of the City of San Bernardino and adjacent unincorporated San Bernardino County; and

WHEREAS, the PROJECT generally begins at Hallmark Parkway at the north and extends south along a new alignment southeast of the existing road alignment across the BNSF railroad tracks in order to grade separate the roadway and railroad and yet minimize impacts to existing right of way and facilities, such as the high pressure Department of Water Resources water line in existing University Parkway right of way; and

WHEREAS, there will be interfaces and impacts between construction of the PROJECT and concurrent development by Lowe's at their property located west of the road alignment north of the BNSF railroad tracks (the Lowe's property); and

WHEREAS, both SANBAG and Lowe's intend to work together in a cooperative manner in every respect toward completing the design and construction of a quality PROJECT; and

WHEREAS, the Lowe's improvements conditioned by the City of San Bernardino relative to University Parkway including the sidewalk, driveway area, and median island occur in the same area where PROJECT improvements are already occurring and Lowe's

improvements in this area would result in replacing newly constructed facilities upon completion of PROJECT work; and

WHEREAS, the purpose of this AGREEMENT is to define the project roles and responsibilities for both Lowe's and SANBAG; and

WHEREAS, both parties agree to the concept and purpose of the PROJECT.

Therefore, both SANBAG and Lowe's agree to the following:

1. PROJECT costs and responsibilities are to be divided between SANBAG and Lowe's as further described below.
2. SANBAG shall provide a design consultant and be responsible for the full cost of the PROJECT design, except for the design costs related to integrating the Lowe's Development plans relative to University Parkway into the PROJECT plans as detailed below. The PROJECT design will include preparation of plans, specifications, quantity calculations and cost estimates. The PROJECT design will be prepared using English units. The PROJECT design will be prepared using the standard drawing format for the City of San Bernardino. The PROJECT design will also include preparation of design surveys. These design costs will be billed to Lowe's upon completion of this work and within 60 days of execution of this agreement. Lowe's shall reimburse this cost to SANBAG within 30 days of receiving this invoice.
3. A new raised concrete median on University Parkway just south of Interchange Drive, a driveway entrance to Lowe's, and modified roadway and striping of traffic lanes in this area to accommodate these facilities (herein referred to as Lowe's improvements) will be designed by Lowe's engineer and incorporated into PROJECT construction package by SANBAG's design engineer. The design costs for SANBAG's design engineer to perform this coordination and incorporation of Lowe's design will be paid by Lowe's. Upon approval of the incorporated design by the City of San Bernardino, the Lowe's improvements will be added to the PROJECT construction documents. When the PROJECT goes out to bid, a separate bid item for items related to Lowe's improvements will be identified such that bidders will separately bid the construction costs of this work. The PROJECT will be awarded to the contractor with the lowest overall bid, regardless of the specific bid item cost for the Lowe's improvements. SANBAG shall invoice Lowe's for the Lowe's improvement work cost upon progress and final billings from Contractor. Lowe's shall reimburse this cost to SANBAG within 30 days of receiving this invoice. Any and all costs of Contractor Change Orders affecting the Lowe's improvements shall be reimbursed to SANBAG by Lowe's. SANBAG shall invoice Lowe's for any Contractor Change Order costs for the Lowe's improvements work within 60 days of PROJECT completion. Lowe's shall reimburse this cost to SANBAG within 30 days of receiving this invoice.
4. An exhibit showing the area of work and the proposed Lowe's improvements are shown on Exhibit "A" to this AGREEMENT.

5. SANBAG, and their officers, employees (past and present), agents, and representatives, including Fluor Daniel, Inc., shall be named as additional insureds on the liability insurance policy of the PROJECT construction contractor. Lowe's, its officers, agents, representatives, partners and employees shall be named as additional insureds on the liability insurance policy of the construction contractor.
6. Neither SANBAG nor any officer, employee, or agent thereof is responsible for any damage or liability occurring by reasons of anything done or omitted to be done by Lowe's under or in connection with any work, authority or jurisdiction delegated to Lowe's under this AGREEMENT. It is understood and agreed that Lowe's shall fully defend, indemnify and save harmless SANBAG, all officers, employees, and agents from all claims, suits or actions of every name, kind and description brought for or on account of injury occurring by reasons of anything done or omitted to be done by Lowe's under or in connection with any work, authority or jurisdiction delegated to Lowe's under this AGREEMENT.
7. Neither Lowe's nor any officer, employee, partner or agent thereof is responsible for any damage or liability occurring by reasons of anything done or omitted to be done by SANBAG under or in connection with any work, authority or jurisdiction delegated to SANBAG under this AGREEMENT. It is understood and agreed that SANBAG shall fully defend, indemnify and save harmless Lowe's, all officers, employees, and agents from all claims, suits or actions of every name, kind and description brought for or on account of injury occurring by reasons of anything done or omitted to be done by SANBAG under or in connection with any work, authority or jurisdiction delegated to SANBAG under this AGREEMENT.
8. SANBAG and Lowe's agree to work cooperatively to solve any issues that develop during the design, environmental, right of way, and construction phases of the PROJECT. Both parties agree to respond to issues in a timely manner, so as not to interfere with the progress of the PROJECT. Each party shall bear their own costs in relation to carrying out the matters specified herein unless otherwise specified.
9. Amendments to this AGREEMENT may be incorporated to this AGREEMENT as mutually agreed to in writing by both Lowe's and SANBAG.
10. This AGREEMENT shall terminate upon 6 months after project completion.

(Remainder of Page Intentionally Left Blank)



IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT as of  
the day and year first set forth above:

**SAN BERNARDINO COUNTY  
TRANSPORTATION AUTHORITY:**

**LOWE'S HIW, INC.:**

By: \_\_\_\_\_  
Lawrence Dale  
President, SANBAG Board of  
Directors

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Date: \_\_\_\_\_

**APPROVED AS TO FORM AND  
PROCEDURE:**

By: \_\_\_\_\_  
Jean-Rene Basle  
SANBAG Counsel

Date: \_\_\_\_\_

**EXHIBIT "A"**

**CONTRACT NO. R08-007**

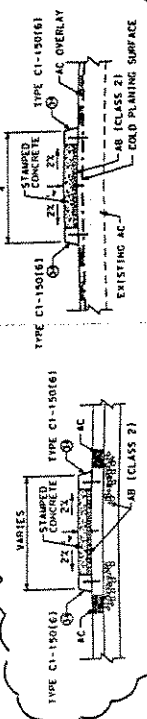
**STATE STREET/UNIVERSITY PARKWAY GRADE SEPARATION**

**LOWE'S IMPROVEMENTS**

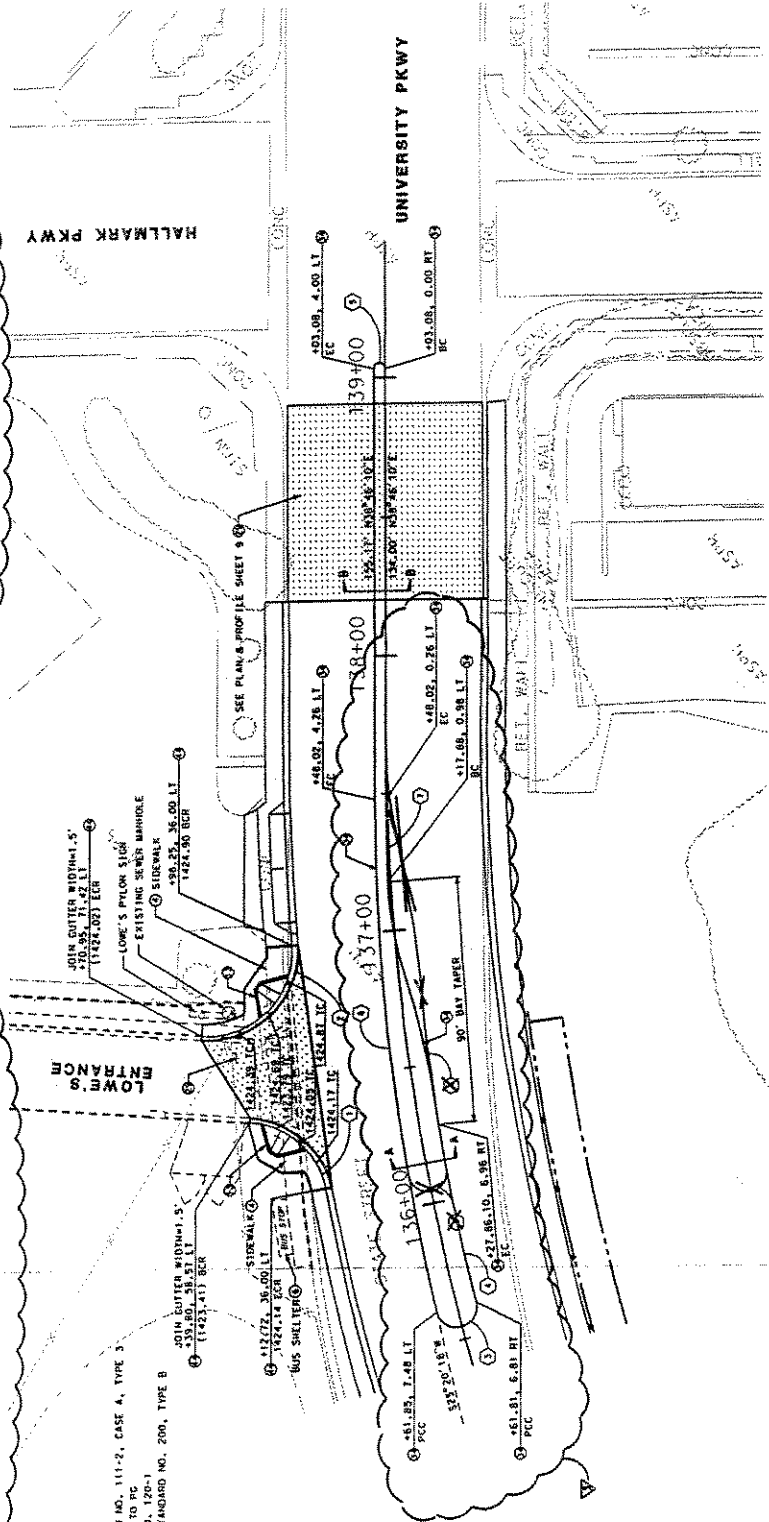
NOTES:  
 STAMPED CONCRETE SHALL BE FURNISHED AS THE FOLLOWING: OR APPROVED EQUAL TOR  
 CONCRETE COLOR: SCOFIELD, MESA BEIGE C12  
 STAMP: MATCHRETE  
 PATTERN STYLE: LONDON COBBLE(STONES)

CURVE DATA

NO	R	Δ	T	L
1	30.00	34°44'30"	22.82	39.14
2	30.00	34°44'30"	22.82	39.14
3	30.00	34°44'30"	22.82	39.14
4	30.00	34°44'30"	22.82	39.14
5	30.00	34°44'30"	22.82	39.14
6	30.00	34°44'30"	22.82	39.14
7	30.00	34°44'30"	22.82	39.14
8	30.00	34°44'30"	22.82	39.14
9	30.00	34°44'30"	22.82	39.14
10	30.00	34°44'30"	22.82	39.14
11	30.00	34°44'30"	22.82	39.14
12	30.00	34°44'30"	22.82	39.14
13	30.00	34°44'30"	22.82	39.14
14	30.00	34°44'30"	22.82	39.14
15	30.00	34°44'30"	22.82	39.14
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17	30.00	34°44'30"	22.82	39.14
18	30.00	34°44'30"	22.82	39.14
19	30.00	34°44'30"	22.82	39.14
20	30.00	34°44'30"	22.82	39.14
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27	30.00	34°44'30"	22.82	39.14
28	30.00	34°44'30"	22.82	39.14
29	30.00	34°44'30"	22.82	39.14
30	30.00	34°44'30"	22.82	39.14



- CONSTRUCTION NOTES:
- 1. REMOVE EXISTING
  - 2. PROTECT IN PLACE
  - 3. CONSTRUCT PCC CURB RAMP PER APM 510, PLAN NO. 111-2, CASE A, TYPE 3
  - 4. 0.15" COLD PLANE AC PAVEMENT AND PLACE AC TO PG
  - 5. 0.15" COLD PLANE AC PAVEMENT AND PLACE AC TO PG
  - 6. CONSTRUCT 8" PCC CURB & DUTTER PER CITY STANDARD NO. 200, TYPE B



NOTE: SEE UTILITY PLANS FOR UTILITY PROTECTION AND RELOCATION

**LAN**  
 LIN & MASCARENO ENG. CORP.  
 1801 BUSINESS CENTER DR., SUITE 6  
 SAN BERNARDINO, CA 92408  
 DATE: 2/17/2001  
 LAM ENG. JOB NO. 00000001

**CITY OF SAN BERNARDINO**  
 DEPARTMENT OF PUBLIC WORKS  
 COUNTY JURISDICTION ONLY  
 OFFICE: PUBLIC WORKS  
 DIVISION: PUBLIC WORKS  
 PROJECT: PUBLIC WORKS  
 SHEET: 10182  
 SHEET 10182 OF 10182

**CITY OF SAN BERNARDINO**  
 DEVELOPMENT SERVICES DEPARTMENT  
 STATE STREET / UNIVERSITY  
 PARKWAY GRADE SEPARATION  
 CURB RAMP AND RAISED MEDIAN  
 @ LOWE'S ENTRANCE

APPROVED: 2001  
 CITY JURISDICTION ONLY  
 SHEET 10182 OF 10182  
 CHECKED BY: JAMES FAGER  
 RECOMMENDED BY: JAMES FAGER

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority  
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

## *Minute Action*

AGENDA ITEM: 6

**Date:** August 9, 2007

**Subject:** Approve Contract No. 08-002 with CH2MHill to provide final design services for the Interstate 10 Westbound Lane Addition Project

**Recommendation:\*** Approve Contract No. 08-002 with CH2MHill to provide final design services for the Interstate 10 Westbound Lane Addition Project an amount not to exceed \$3,500,000 as described in the financial impact section below. TN 86208000

**Background:** **This is a new consultant services contract.** In June 2007 the Board authorized the release of a Request for Qualifications 07-160 (RFQ) to Engineering Consultants for final design services for the Interstate 10 Westbound Lane Addition project. The project proposes to construct a fourth mixed flow lane on Interstate 10 westbound from the Live Oak Canyon interchange in Yucaipa to Ford Street in Redlands. The project also includes drainage improvements, retaining walls, a sound wall, and tie-ins to Yucaipa Blvd on-ramp. SANBAG received four Statements of Qualification (SOQ) in response to the RFQ. The teams that submitted SOQs included:

- CH2MHill/Boyle Engineering
- DMJM+Harris
- Jacobs Engineering
- Stantec

\*

*Approved*  
*Major Projects Committee*

*Date:* August 9, 2007

*Moved:* *Second:*

*In Favor:* *Opposed:* *Abstained:*

*Witnessed:* \_\_\_\_\_

Utilizing the SANBAG consultant selection process a committee consisting of one representative from the City of Yucaipa, two representatives from Caltrans and two SANBAG staff reviewed and rated all four SOQs. All four firms/teams submitted SOQs that conveyed a strong knowledge and understanding of the project and substantial experience for the principal discipline lead staff. Due to the strength of all four SOQs the selection committee short-listed all four firms/teams.

Interviews were conducted on July 24th, 2007 with a selection panel that consisted of the same representatives that reviewed the written SOQs. The teams were rated based on responses to five questions that focused on depth of resources and project knowledge. Again all four firms/teams exhibited a variety of strengths in their presentation and responses during the question and answer period. The consensus of the selection committee was that CH2MHill was most qualified to perform the work and had the best project understanding. The CH2MHill team has familiarity with this stretch of the I-10 Corridor as they were the lead design firm for the I-10 Truck Climbing Lane that completed construction in 2005 and was a prime subconsultant for the Interstate 10/Live Oak Canyon interchange reconstruction project that was recently awarded by the SANBAG Board to Riverside Construction. Furthermore, CH2MHill recognized that since this project is a recipient of Corridor Mobility Improvement Account funds, it must meet strictly defined schedules and they have staff resources available to deliver the final design package ahead of schedule. The CH2MHill project manager, Mr. Rick Simon, was the project manager for the I-10 Truck Climbing Lane project and happens to be resident in the area of the project.

The selection panel recommends this contract to the Major Projects Committee and the Board of Directors. The contract cost negotiated with CH2MHill is consistent with the work included in the scope of work used for the RFQ and is included in the approved SANBAG 2007/2008 Annual Budget.

***Financial Impact:*** This action is consistent with the 2007/08 Budget. The funding source for project development activities is Measure I Valley Major Project funds. TN 86208000 (I-10 Westbound Lane Project)

***Reviewed By:*** This item will be reviewed by the Major Projects Committee on August 9, 2007.

***Responsible Staff:*** Darren Kettle, Director of Freeway Construction

SANBAG Contract No. C08002  
by and between  
San Bernardino County Transportation Authority  
and  
CH2M Hill  
for  
Design Engineering Services  
I-10 Westbound Lane Addition Project

FOR ACCOUNTING PURPOSES ONLY				
<input checked="" type="checkbox"/> Payable <input type="checkbox"/> Receivable	Vendor Contract # _____ Vendor ID _____	Retention: <input type="checkbox"/> Yes _____ % <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment	
Notes:				
Original Contract:      \$ <u>3,200,000</u>		Previous Amendments Total:      \$ <u>0</u>		
Contingency Amount:      \$ <u>300,000</u>		Previous Amendments Contingency Total:      \$ <u>0</u>		
		Current Amendment:      \$ <u>0</u>		
		Current Amendment Contingency:      \$ <u>0</u>		
Contingency Amount requires specific authorization by Task Manager prior to release.				
<b>Contract TOTAL →</b>				<b>\$ <u>3,500,000</u></b>
↓ Please include funding allocation for the original contract or the amendment.				
Task	Cost Code	Funding Sources	Grant ID	Amounts
862D8002	_____	MVPMI	_____	\$ <u>2,000,000</u>
862E8002	_____	MVPMI	_____	\$ <u>1,500,000</u>
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
Original Board Approved Contract Date: <u>9/05/07</u> Contract Start: <u>9/05/07</u> Contract End: <u>12/31/09</u>				
New Amend. Approval (Board) Date: _____    Amend. Start: _____    Amend. End: _____				
If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:				
Approved Budget Authority →	Fiscal Year: <u>07/08</u> \$ <u>2,000,000</u>		Future Fiscal Year(s) – Unbudgeted Obligation →	\$ <u>1,500,000</u>
Is this consistent with the adopted budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If yes, which Task includes budget authority? <u>862D8002</u>				
If no, has the budget amendment been submitted? <input type="checkbox"/> Yes <input type="checkbox"/> No				
CONTRACT MANAGEMENT				
Please mark an "X" next to all that apply:				
<input type="checkbox"/> Intergovernmental <input checked="" type="checkbox"/> Private <input type="checkbox"/> Non-Local <input type="checkbox"/> Local <input type="checkbox"/> Partly Local				
Disadvantaged Business Enterprise: <input type="checkbox"/> No <input type="checkbox"/> Yes _____ %				
Task Manager: Darren Kettle			Contract Manager: Lisa DaSilva	

Task Manager Signature	Date	Contract Manager Signature	Date
Chief Financial Officer Signature	Date		

*Draft*

**ATTACHMENT "A"**

**Scope of Services**

**By and between**

**San Bernardino County Transportation Authority**

**And**

**CH2M Hill**

**To**

**Provide Design Engineering Services**

**For**

**Interstate 10 (I-10) Westbound Lane Addition Project**

**Cities of Redlands and Yucaipa,  
San Bernardino County**

## INDEX

A. DESCRIPTION OF SERVICES

- Project Location and Description

B. APPLICABLE STANDARDS

C. SERVICES PERFORMED BY CONSULTANT

- General Description of Services
- Topographic Mapping
- Surveys
- Geotechnical Investigation and Materials
- Utility Coordination
- Roadway Design
- Structure Design
- Soundwalls
- Retaining Walls
- Drainage Design
- Traffic Engineering

D. FURNISHED MATERIALS

E. ADMINISTRATION

- SANBAG Project Management and Administration
- CONSULTANT Project Management and Administration
- Project Controls
- Monthly Progress Reports
- Quality Assurance
- Reproduction Services
- Submittal and Reviews

Table I – CMIA Milestone Schedule



A. **DESCRIPTION OF SERVICES**

The San Bernardino Associated Governments, acting as the San Bernardino County Transportation authority (SANBAG), in cooperation with the California Department of Transportation (CALTRANS), will utilize the services of CONSULTANTS to provide design engineering services as described below. The scope of services is for the development of the Plans, Specifications, and Estimates (PS&E) for the proposed addition of one (1) mixed flow lane on westbound Interstate 10 (I-10) between Ford St in the City of Redlands and Yucaipa Blvd in the City of Yucaipa.

Coordination of CONSULTANT, SANBAG, and CALTRANS will be accomplished through a Consultant Project Manager, SANBAG Contract Manager or his designee, and a CALTRANS Project Manager.

The SANBAG Contract Manager for this contract shall be:

Mr. Darren Kettle  
Director of Freeway Construction

CONSULTANT shall be required to perform all professional and technical engineering services necessary to prepare the PS&E. CONSULTANT shall also be required to make itself available during construction bidding procedures and the construction phase of the project to perform those duties requested of them by SANBAG, and with SANBAG approval, by CALTRANS.

**PROJECT LOCATION AND DESCRIPTION**

The project proposes to construct a mixed flow lane in the westbound direction of I-10 from Ford St in the city of Redlands and Live Oak Canyon in the city of Yucaipa. The total project length is 3.8 miles. The purpose of this project is to relieve traffic congestion currently experienced at and in the vicinity of the project area.

The PR/PSR consists of one build alternative which purposes to construct the lane in the median between the Ford St interchange and the Yucaipa Blvd interchange. From Yucaipa Blvd to west of Live Oak Canyon the lane will be constructed to the outside of the existing travel way. The project's main features are as follows:

- The addition of a standard 12' wide mixed flow lane and corresponding 10' shoulder.
- A special structure may be required to retain the hill side between Yucaipa Blvd and Wabash. The proposed project plans identify a 16 meter tall soil nail wall.
- Standard retaining walls where outside widening occurs.
- Tie back walls under the 16<sup>th</sup> St. Bridge and the Yucaipa Blvd. Bridge.
- Tie-ins to the existing on and off ramps at Yucaipa Blvd. No ramp improvements are included in the scope.
- A sound wall may be required.
- Modifications to existing drainage facilities/patterns to capture and convey flows.
- Development of an independent PS&E package for soundwalls on the bluff of Golden West Dr., Redlands. Soundwalls were constructed along this bluff in 2004. There is the potential

additional walls will need to be constructed along this same bluff. Development of a PS&E package for this additional work is part of this contract's scope.

It is anticipated that the draft PR/PSR will be approved prior to the start of the PS&E contract. Completion of this document is in the scope of another contract, but coordination with the consultant preparing this document may be required. The environmental document, a CEQA CE, the mandatory and advisory design exceptions, and the Geometric Approval Drawings (GADs) have been approved.

## B. APPLICABLE STANDARDS

All project deliverables and related material shall be prepared in accordance with current CALTRANS and Federal Highway Administration (FHWA) regulations, policies, procedures, manuals, and standards for *English* units.

- A. Roadway design shall be in accordance with the current edition of the CALTRANS Highway Design Manual, the English Highway Design Standards, Standards for English Plans, English Standard Specification, and the Traffic Design Manual.
- B. Basic design shall be in accordance with the existing draft PR/PSR, the PR/PSR once it is approved, and the Geometric Approval Drawings.
- C. Plans shall be prepared in conformance with the current editions of the CALTRANS Drafting and Plans Manual and the CALTRANS CADD Users Manual.
- D. Plans, specifications, and estimates shall be prepared in conformance with the current editions of the CALTRANS Plans, Specifications, and Estimates Guide.
- E. Structure plans, specifications, and calculations for non-standard retaining walls shall be in accordance with the current editions of the CALTRANS Division of Structures manuals.
- F. All surveys shall conform with the current CALTRANS Surveys Manual.
- G. All field laboratory testing for geotechnical investigations shall be performed and the Materials Report shall be prepared in conformance with current editions of the Guidelines for Geotechnical Design Reports.
- H. All phases of design improvements which impact existing or proposed underground utilities shall conform to CALTRANS Policy on High and Low Risk Underground Facilities within Highway Rights of Way.

Design of the Project shall be performed in accordance with State Standards and practices. Any exceptions to applicable design standards shall be approved by CALTRANS via the process outlined in CALTRANS Highway Design Manual and applicable memorandums and design bulletins published by CALTRANS.

**C. SERVICES PERFORMED BY CONSULTANT**

CONSULTANT shall be responsible for the service outlined in this Scope of Services. CONSULTANT services shall conform to the standards, criteria, and requirements of this Scope of Services, and shall include all plans, specifications, estimates, reports and special provisions necessary to complete the project.

**General Description of Required Services**

- A. It is not the intent of the following paragraphs to relieve CONSULTANT of professional responsibilities during the performance of this Scope of Services. In all instances where CONSULTANT believes this Scope of Services has not identified requirements that may be pertinent to producing a complete PS&E, CONSULTANT shall promptly notify SANBAG's Contract Manager of CONSULTANT's opinions with evidence thereof.
- B. CONSULTANT shall provide a project approach or management plan that will define the basic schedule and work tasks.
- C. CONSULTANT shall prepare final plans, specifications, and estimates (PS&E) for construction of the project. All deliverables shall be in English, except where noted. CONSULTANT will utilize the preliminary engineering plans, drainage reports, geotechnical reports, and right of way requirements developed prior to this Scope of Services as the basis for the PS&E. Any changes proposed by CONSULTANT shall be brought to the attention of SANBAG.
- D. CONSULTANT shall carry out the instructions as received from SANBAG's Contract Manager, or his designee, and shall cooperate with CALTRANS, other agencies, and other consultants providing Services for the Project.
- E. CONSULTANT shall coordinate its services with other consultant(s) and CALTRANS in the development of the PS&E for related projects. Any problems or conflicts shall be brought to the immediate attention of SANBAG.
- F. CONSULTANT shall have sole responsibility for the accuracy and completeness of the reports, plans, specifications, estimates, and related material prepared by CONSULTANT for the project. CONSULTANT shall independently check and identify the engineer and checker for all such material prior to any submittal. The PS&E, reports, and documentation will be reviewed by CALTRANS, SANBAG, and/or SANBAG's designee for conformity to the PR/PSR, constructability, and overall project consistency. Reviews by CALTRANS, SANBAG, and/or SANBAG's designee will not include detailed review or check of the design of major components and related details, or the accuracy with which such designs are depicted on the plans. CONSULTANT shall not incorporate in the design, any materials or equipment of sole source origin without prior written approval of SANBAG and CALTRANS.

- G. The exhibits, studies, estimates, calculations, reports and other documents furnished under this Scope of Services shall be of a quality acceptable to SANBAG and CALTRANS. The criteria for acceptance shall be a product of neat appearance, well organized, technically and grammatically correct, checked, and having the maker and checker identified. The appearance, organization and content of the drawings shall be to CALTRANS standards.
- H. The CONSULTANT shall maintain a set of project files that are indexed in accordance with CALTRANS' Project Development Uniform File System and hand over all project files to SANBAG at completion of the project who will then forward said files to CALTRANS.
- I. SANBAG reserves the right to approve all project scope of services changes. Any changes resulting from the addition, deletion, or revisions to the Scope of Services will not be made without prior written approval from SANBAG. The CONSULTANT shall not be compensated for making any changes to the project Scope of Services other than those approved in writing by SANBAG.
- J. CONSULTANT shall not suspend performance of this contract during the negotiations of any change orders except as they may be directed by SANBAG. CONSULTANT shall perform all changes in accordance with the terms and conditions of this contract.
- K. At the completion of this Scope of Services all files and correspondence relating to the Project shall be turned over to SANBAG. This includes all working data, field data, and background information used in creating the deliverables listed in the Scope of Services.
- L. CONSULTANT shall obtain, at its expense, all applicable CALTRANS Manuals and Standard Plans.
- M. The title sheet for reports, each plan sheet, and calculations shall bear the professional seal, certificated number, registration classification, expiration date of the certificate, signature of the professional engineer, registered in the State of California, responsible for their preparation.
- N. CONSULTANT shall perform alternative engineering studies and designs, as needed and/or as directed by SANBAG's contract manager.
- O. CONSULTANT shall submit all final plans on CD ROM using MicroStation (.dgn) file format in accordance with CALTRANS standards. The electronic files shall include the engineer's electronic signature and seal. CONSULTANT shall verify the latest version of software used prior to submittal.
- P. As part of the services involved in the preparation of the plans, specifications, and estimates, CONSULTANT shall prepare and furnish Special Provisions for all items included in the plans which are not covered in the Standard Plans and Standard Specifications or required more detail than is presented on the project plans.
- Q. In the event that non-standard features become apparent during detailed design or the conversion to English units that were not identified in the original reports prepared and approved in the preliminary engineering phase, CONSULTANT shall prepare the necessary Fact Sheets for Design Exceptions following CALTRANS guidelines.

- R. CONSULTANT shall develop the Resident Engineer's (RE) File related to the design of the Project. Although the RE File is identified as a deliverable during the final stages of design, CONSULTANT shall update the RE file for the duration of the Scope of Services. CONSULTANT shall provide SANBAG with a written log of significant items which are added to the RE File. The RE File shall be available for SANBAG/CALTRANS review at any time during the performance of the Scope of Services.
- S. CONSULTANT shall employ quality control procedures that identify potential risks and uncertainties related to construction of the project. Risks that may be encountered include, but are not limited to, impacts to adjacent properties, public safety, and environmental considerations. If at any time during the performance of this Scope of Services, CONSULTANT observes, encounters, or identifies any circumstance that could pose potential risk, CONSULTANT shall notify SANBAG.
- T. CONSULTANT shall coordinate with CALTRANS and all other agencies involved or potentially impacted by the project. CONSULTANT shall inform SANBAG prior to all contacts, meetings, and correspondence on project related issues with CALTRANS or any other agencies.
- U. CONSULTANT will be responsible for obtaining all rights of entry as necessary.
- V. Design construction support activities are not covered in this scope of services. SANBAG, if it chooses, will issue a separate scope of services and contract for design construction support activities with CONSULTANT upon completion of these Services.
- W. CONSULTANT shall prepare final plans, specifications, and estimate (PS&E) for construction of necessary soundwalls on Golden West Dr., Redlands. Eight (8) properties along the Golden West bluff are currently being environmentally evaluated. This scope includes the detailed engineering for these potential soundwalls. This is part of an independent SANBAG/City of Redlands project.

### **Topographic Mapping**

The CONSULTANT shall provide *English* topographic mapping of the Project area. *Metric* aerial topographic mapping will be available for use by the CONSULTANT.

The CONSULTANT shall recommend additional surveying as necessary. The recommendations shall be forwarded to SANBAG for SANBAG and CALTRANS review and concurrence prior to beginning any work.

### **Surveys**

#### **A. General Requirements**

1. CONSULTANT shall perform all surveys, necessary to complete the PS&E. CONSULTANT shall review the available data and perform the additional design surveys required for the design of the Project.

2. Field and office surveys not covered by the current CALTRANS Surveys Manual, shall be performed in accordance with accepted professional surveying standards including requirements of current edition of the State of California Professional Engineer's Act and Professional Land Surveyor's Act. In accordance with the Act, "responsible charge" for survey services shall reside with a State of California Licensed Land Surveyor or Registered Civil Engineer (prior to January 1, 1982).
3. CALTRANS, with SANBAG concurrence, will designate the horizontal and vertical control monuments that are to be the basis of all CONSULTANT performed surveys. CALTRANS will provide the California Coordinate System values and/or elevation values for these monuments. CONSULTANT shall identify any control monuments requiring reestablishment and provide a reestablishment plan to SANBAG. Upon approval by SANBAG, CONSULTANT shall reestablish monuments per the reestablishment plan.

CALTRANS has designated that the NAD '83 California Coordinate System datum will be used for horizontal coordinate values.

4. All survey information developed by CONSULTANT shall be in English units.

B. Permits

CONSULTANT shall obtain applicable encroachment permits prior to beginning any field investigation. Additionally, if a traffic control plan is required, CONSULTANT shall prepare the plan. Such documents shall be forwarded to SANBAG/CALTRANS for their review and concurrence prior to beginning any field investigation.

C. Design Surveys to be Performed by CONSULTANT

CONSULTANT shall identify required design surveys and provide a work plan to SANBAG. With SANBAG's concurrence, CONSULTANT shall perform design surveys per the work plan. CONSULTANT surveys may include, but are not limited to, the following:

1. Surveys for detailed design of roadway, structures, retaining walls, soundwalls, drainage, sewer, and water facilities.
2. Survey control for geotechnical investigation, if required.
3. Surveys to verify and augment the aerial topographic mapping.
4. Supplemental surveys for preparation of cross-sections

D. Utility Location Surveys to be Performed by CONSULTANT

CONSULTANT shall identify surveys to verify the location of utilities in potential conflict with the Project. CONSULTANT shall provide a work plan for utility location surveys to SANBAG. With SANBAG's concurrence, CONSULTANT shall perform field surveys and

update utility PS&E per the work plan.

E. Monumentation Surveys to be Performed by CONSULTANT

CONSULTANT shall identify surveys to perpetuate monuments that control the location of subdivisions, tracts, boundaries, roads, streets, or highways, or provide survey control, affected by the proposed construction of the Project. CONSULTANT shall provide a work plan for monument perpetuation to SANBAG. With SANBAG's concurrence, CONSULTANT shall perpetuate monuments and file a record of survey per the work plan.

F. Deliverables

The deliverables shall conform to the following:

1. Survey points, lines, and monuments shall be established, marked, identified and referenced, as required to complete the work and in accordance with the requirements herein.
2. Survey notes, drawings, calculations, and other survey documents/materials shall be completed as required to complete the work and in accordance with the requirements herein.
3. A copy, except as otherwise specified herein, of all original survey documents resulting from this Scope of Services (including original field notes, adjustment calculations, final results and appropriate intermediate documents) shall be delivered to SANBAG who will forward said documents to CALTRANS. Said documents shall then become the property of CALTRANS. The original survey documents (or a copy, if the original is to be provided to SANBAG/CALTRANS) shall be retained by CONSULTANT for future reference.
4. When the survey is performed with a Total Station Survey System, the original field notes shall be a legible hard copy listing of the data (observations) as originally collected and submitted by the survey party. CONSULTANT's party chief shall sign the listing.
5. The final results of all surveys, as required, shall be delivered to SANBAG in the format specified below:
  - a. **Horizontal Control.** Alpha/numeric hard copy point listing with adjusted California Coordinate System northings and eastings and appropriate descriptions based on NAD '83 datum. (Spacing and density of horizontal control monuments shall be in accordance with Caltrans' Surveys Manual, Chapter 11-02.)
  - b. **Vertical Control.** Alpha/numeric hard copy benchmark listing with adjusted elevations on the 1929 NGVD and appropriated descriptions. (Spacing and density of vertical control monuments shall be in accordance with Caltrans' Surveys Manual, Chapter 11-02.)

- c. **Topography.** Alpha/numeric hard-copy listing, hard-copy drawings and electronic files. Additions or modifications to the delivered topographic mapping and its symbology shall conform to current version of CALTRANS' Drafting and Plans Manual.
- d. **Terrain.** For each cross-section: an alpha/numeric listing, hard-copy drawing and computerized formatted file which is compatible with CALTRANS' computerized design systems. Computerized formatted cross-sections shall be provided on magnetic tapes, cassettes, or disks compatible with CALTRANS' computer systems.

#### 6. Records of Survey

- a. CONSULTANT shall develop a control map to direct monument recovery and recover all monuments affected by the Project.
- b. CONSULTANT shall verify the character of all points to be utilized in the Records of Survey.
- c. CONSULTANT shall tie all monuments found during the course of performing design surveys to the closest CALTRANS control.
- d. CONSULTANT shall reference the centerline and side lines of the Project to surrounding Sections, Blocks, and Tract corners.

#### 7. Construction Control Survey Map

- a. CONSULTANT shall provide a Construction Control Survey Map for the Project. At minimum, the map will include:
  - Centerline alignment data for all Project improvements and existing street centerlines
  - Control points identified in plan (horizontal, vertical, horizontal and vertical, and cadastral monuments)
  - Tabulated control point listing with full descriptions
  - Tabulated cadastral monument listing with full description
  - Horizontal and vertical control bases
  - Survey data sources.
- b. CONSULTANT shall provide a State Plane Coordinate Control Data List. The list shall include all geodetic control data used for the Project, including geodetic data provided by CALTRANS and SANBAG. The list shall include station name, latitude, longitude, northing, easting, elevation, etc. If available, data shall also include a full description of all photo control points used to for topographic mapping within the Project.
- c. CONSULTANT shall provide a State Plane Coordinate ASCII point file for all calculated points. CONSULTANT shall provide full descriptions of all monuments, set or found.



- d. CONSULTANT shall provide centerline alignment files for all permanent and temporary features.

G. Information to be provided by SANBAG or CALTRANS

1. English Control Diagram Maps.
2. Existing survey data and notes generated for the Project, as available.

**Geotechnical Investigation and Materials Report**

A. General Requirements

1. CONSULTANT shall be required to review data provided by SANBAG and provide additional geotechnical explorations, laboratory testing, analyses and recommendations required for final roadway and structural design. To the extent that is possible, CONSULTANT shall utilize the existing information provided by SANBAG and shall not duplicate work which has been conducted during the preliminary engineering phase of the project. All additional field explorations shall meet CALTRANS requirements.
2. CONSULTANT shall provide experienced personnel, equipment, and facilities to perform materials sampling and testing.
3. All reports and plans shall bear the State of California Certified Engineering Geologist or Registered Professional Registration Seal with the signature, license number and registration certificate expiration date of the geologist or engineer responsible for the preparation of the report. The geologist or engineer responsible for the preparation of the reports shall be competent in geotechnical engineering with deep foundation experience.
4. In the event the existence of hazardous materials is discovered by CONSULTANT, CONSULTANT shall be required to immediately notify SANBAG.
5. In case of future construction claims against either SANBAG or CALTRANS, CONSULTANT shall be retained by SANBAG to provide expert testimony regarding CONSULTANT services.
6. All reports shall be prepared in English units.

B. Permits

1. CONSULTANT shall provide necessary applications for Encroachment permits onto State property. A Traffic Control plan, when required, shall be delivered to CALTRANS for review.
2. CONSULTANT shall identify all private property requiring Rights of Entry. CALTRANS will provide all Rights of Entry for access on private property.

3. CONSULTANT shall obtain all other encroachment permits.

C. Geotechnical Services to be provided by CONSULTANT

CONSULTANT shall prepare a Geotechnical Design Report (GDR) for the Project in conformance with the CALTRANS Guidelines for Geotechnical Design Reports. The GDR shall provide, but is not limited to, the following:

1. Determination of subsurface conditions and subsoil properties at proposed structure sites necessary to make recommendations for design of structure foundations.
2. Determination of ground water conditions and impacts on foundation design and construction.
3. Determination of subsurface conditions and subsoil properties relating to foundation settlement and rate of settlement for embankment and structure loading.
4. Determination of impacts of geologic/geotechnical conditions on construction and recommended mitigation measures.
5. Identification and recommendations for geologic/geotechnical constraints.
6. Analysis for potentially liquefiable or collapsible soils and corresponding recommendations for design or mitigation measures.
7. Engineering analyses and calculations required to provide design parameters for static and pseudo-static analysis for slope stability and settlement.
8. Site seismicity studies and peak ground acceleration evaluations to provide a basis for estimating seismic design parameters for use in structure and embankment design (based upon published literature) and site investigations.
9. A listing of soil samples obtained from the field exploration program which have been tested in CALTRANS certified laboratories to evaluate the controlling engineering properties of the encountered subsoils. Assuming that the soil samples are free of contamination, laboratory testing may include, but is not limited to:

- |                                 |                          |
|---------------------------------|--------------------------|
| - Moisture and Density          | - Sieve Analysis         |
| - Shear Strength                | - Plasticity Index       |
| - Expansion Index               | - Resistivity, Ph        |
| - Sand Equivalent               | - Consolidation/Collapse |
| - Soluble Sulfate and Chlorides | - R-Value                |
| - Maximum Density               |                          |

D. Materials Report

CONSULTANT shall prepare a materials report for the project. The report shall comply with Topic 114, "Materials Report" of the Highway Design Manual. The Materials Report should

include pavement structural section recommendations or pavement studies, culverts or drainage materials, corrosion studies, and materials or disposed sites.

E. Deliverables

1. Field Exploration map

CONSULTANT shall prepare a map detailing the field exploration plan. The map shall provide the following:

- a. Location of each proposed boring. Include depth of boring and the proposed finished surface elevation.
- b. Location and depth of all previous borings.
- c. Geometric layout provided from preliminary engineering.
- d. Information regarding property owner impacted by each particular boring, if available.

SANBAG and CALTRANS will review and approve the field exploration map prior to application for encroachment permits. All encroachment permits and rights of entry shall be obtained prior to scheduling of any field explorations.

2. Geotechnical Design Report

CONSULTANT shall submit a Geotechnical Design Report to SANBAG for CALTRANS and SANBAG review. Comments from the review will be submitted to CONSULTANT for incorporation into the final report. The number of copies of each report shall be determined prior to submittal.

3. Materials Report

CONSULTANT shall submit a Materials Report to SANBAG for CALTRANS and SANBAG review. Comments from the review will be submitted to CONSULTANT for incorporation into the final report. The number of copies of each report shall be determined prior to submittal.

4. Foundation Reports

CONSULTANT shall submit draft foundation reports to SANBAG for CALTRANS and SANBAG review. Comments from the review will be submitted to CONSULTANT for incorporation into the final reports. The number of copies of each report shall be determined prior to submittal.

Utility Design and Coordination

A. General Requirements

1. CONSULTANT shall prepare utility plan sheets in English units. CONSULTANT shall be responsible for all necessary unit conversions of relocation plans for incorporation on the utility plan sheets.
2. CONSULTANT shall update right of way requirements impacted by the design and relocation of utilities. CALTRANS shall coordinate with utility owners to determine right of way requirements for relocation of utilities.

B. Coordination

1. CALTRANS shall be considered the "Utility Coordinator" for the Project. CONSULTANT shall assist CALTRANS and SANBAG with meetings and correspondence to the utility companies affected by the Project.
2. CONSULTANT shall coordinate with SANBAG and CALTRANS to assist in the proper protection or relocation of affected utilities. Utility owners will prepare utility relocation plans. CONSULTANT shall provide appropriate Project plans that may assist the affected utility owner in the development of relocation plans. Some plans may require preparation in dual, English, and imperial units.
3. CONSULTANT shall review relocation plans prepared by utility owners to verify compatibility with the Project. CONSULTANT shall respond in writing to SANBAG and CALTRANS either confirming conformance of the relocation plans to the Project, or nonconformance to the Project and reasons therefor.

C. Utility Plans

1. CONSULTANT shall prepare an initial set of utility plans which compare all existing utilities to proposed design of the Project. Any utility which conflicts with the improvements proposed by the Project shall be highlighted.
2. CONSULTANT shall update the utility plans to show the disposition of each utility on the Project. Disposition shall include, but not limited to, the utility company name, original location, proposed location, and responsible party for relocation.

D. Deliverables

1. Utility Conflict Maps

CONSULTANT shall submit utility conflict maps to CALTRANS and SANBAG. The maps shall provide the following:

- a. Geometric layout of the Project with the existing utility locations.
- b. Highlight and label each utility that conflicts with the Project.
- c. Existing utility callouts shall include the owner and the disposition of the lines.
- d. Narrative descriptions shall accompany the utility conflict maps. These narratives shall list each utility that is in conflict with the Project. Information shall include, but not be limited to, the following:
  - Conflict label and drawing reference number for the utility conflict

- map on which the utility is highlighted and labeled.
- Description, owner, and disposition of the utility
- Description of the potential or actual conflict that will occur due to the Project.

The utility conflict maps will be used by SANBAG and CALTRANS to establish which utility companies are affected by the Project and need to be relocated. CONSULTANT shall identify those portions of utilities which require potholing.

Following the submittal of the utility conflict maps, the CONSULTANT shall inform SANBAG and CALTRANS in writing of any changes in the Project design that alter the utility conflict locations indicated on the maps.

## **Roadway Design**

### **A. General Requirements**

CONSULTANT shall prepare and deliver to SANBAG all plans, specifications, and estimates for roadway construction. SANBAG will forward said documents to CALTRANS for their review and approval. Except where specified herein, all CONSULTANT prepared plans, specifications, quantity calculations, and estimates shall be prepared in English units.

### **B. Right of Way Requirement Plan Maps**

#### **1. General**

CONSULTANT shall prepare Right of Way Requirement Plan Maps utilizing the Project layout sheets as a basis. CONSULTANT shall identify the limits required for the ultimate roadway operation of the Project (the "fee" area), limits required for related facilities such as drainage or utilities (easement areas), and limits required in excess of the fee and easement areas for construction of the Project (temporary construction easements). CONSULTANT shall identify access control limits where applicable.

Requirements shall reference the freeway centerlines (station and offsets), or where appropriate, centerlines of local roads or property lines. At minimum, the background elements on the Maps will include:

- a. Station lines and centerlines of roadways and drainage facilities.
- b. Layout lines of walls.
- c. Tops and toes of slope.
- d. Edge of travel way, edge of shoulder, curb and gutter, sidewalks, culverts, and other roadway appurtenances.
- e. Existing Bridges

#### **2. Deliverables**

CONSULTANT shall deliver the following Right of Way Requirement Plan Maps and coordinate geometry files to a location determined by SANBAG. Actual plans and files, as determined by SANBAG, may vary in quantity and content per submittal. The number of sets of each plan shall be determined prior to submittal. All Maps will have

appropriate signature blocks for the CALTRANS oversight engineer (different from PS&E), and if necessary, appropriate revision blocks.

CALTRANS, SANBAG and/or SANBAG's designee, and other agencies will review the plans after each submittal and transmit review comments to SANBAG. A comment review meeting may be scheduled between SANBAG, CALTRANS, and CONSULTANT, where the plans with comments will be presented.

C. Plans, Specifications, and Estimates

1. General

All plans, specifications, quantity calculations, and estimates shall conform to CALTRANS requirements and shall be made available to SANBAG/CALTRANS for review and approval at stages specified in the Milestone Schedule and upon request.

2. Roadway Design

- a. All title, index, sections, layouts, profiles, quantities, construction details, and other related plan sheets shall be provided on CALTRANS standard size sheets. As directed by SANBAG, CONSULTANT shall also provide 11" x 17" reduced copy of the plan sets for all submittals.
- b. The CONSULTANT shall design the roadway structural section. The Traffic Index (TI) shall be provided to CONSULTANT by CALTRANS for use in the design of the roadway structural section. The R-value to be used for the design of the roadway structural section shall be submitted by CONSULTANT to CALTRANS and SANBAG for approval prior to final design of the structural section.
- c. CONSULTANT shall prepare and update right of way requirement layouts and files as part of the roadway design. CONSULTANT shall coordinate with CALTRANS Right of Way Engineering or SANBAG Consultant on changes to right of way requirements.
- d. CONSULTANT shall prepare a Project Narrative which provides a general overview of the Project. CONSULTANT shall also discuss significant design features and/or design exceptions related to the Project deliverables.

3. Deliverables

CONSULTANT shall deliver the following plan packages to a location determined by SANBAG. Actual plan packages, as determined by SANBAG, may vary in quantity and content per submittal. The number of sets of each plan, estimate or report shall be determined prior to submittal.

CALTRANS, SANBAG and/or SANBAG's designee, and other agencies will review the plans after each submittal and transmit review comments to SANBAG. A comment review meeting may be scheduled between SANBAG, CALTRANS, and

CONSULTANT, where the plans with comments will be presented.

- a. 35% Submittal.
  - Title Sheet/Standard Plan/Key Map & Line Index
  - Typical Cross-Sections
  - Layout Plans (with Retaining Wall and Sound wall alignments), Profile Plans, and Superelevation Diagrams
  - Contour Grading Plans
  - Drainage Concepts
  - Conceptual Stage Construction and Detour Plans
  - Utility Plans
  - Right of Way, Access Control, and Easement Requirements
  - Survey Data & Survey Map
  - Construction Cost Estimate
  - Specialty Structure Type Selection Package
- b. 65% Submittal.
  - Project Narrative
  - Title Sheet/Standard Plan/Key Map & Line Index
  - Typical Cross-Sections
  - Layout Plans, Profile Plans, and Superelevation Diagrams
  - Construction Details
  - Contour Grading Plans
  - Drainage Plans and Profiles
  - Edge Drain Plans
  - Sanitary Sewer Plans, Profiles, and Details
  - Water Plans, Profiles, and Details
  - Utility Plans
  - Stage Construction, Traffic Handling Plans and Detours
  - Pavement Delineation Plans
  - Sign Plans
  - Retaining Wall Plans and Details
  - Sound Wall Plan, Details, and Quantities
  - Irrigation Crossover Conduit Plans
  - Right of Way, Access Control, and Temporary Construction Easement Requirements
  - Construction Cost Estimate
  - Quality Control Statement
- c. 95% Submittal.
  - Project Narrative
  - Title Sheet/Standard Plan/Key Map & Line Index
  - Typical Cross-Sections
  - Layout Plans, Profile Plans, and Superelevation Diagrams
  - Construction Details
  - Contour Grading Plans
  - Drainage Plans, Profiles, Details, and Quantities
  - Edge Drain Plans and Quantities
  - Sanitary Sewer Plans, Profiles, Details, and Quantities

- Water Plans, Profiles, Details, and Quantities
  - Utility Plans and Details
  - Stage Construction, Traffic Handling Plans, and Detours
  - Stage Construction Quantities
  - Pavement Delineation Plans, Details, and Quantities
  - Summary of Quantities
  - Sign Plans, Details, and Quantities
  - Bridge Mounted Signs
  - Retaining Wall Plans, Details, and Quantities
  - Sound Wall Plans, Details, and Quantities
  - Electrical Service Summary
  - Right of Way, Access Control, and Temporary Construction Easement Requirements
  - Hydraulic/Hydrology Report
  - Construction Schedule
  - Draft Special Provisions (Roadway, Drainage, Construction Staging, Traffic Handling, Electrical, Retaining Walls, Sound Walls, Utilities, Pavement Delineation/Signs, Erosion Control/Landscaping)
  - Basic Engineer's Estimate/Construction Cost Estimate
  - Quality Control Statement
  - Resident Engineer's File
- e. 100% Submittal.
- Final PS&E (all items listed in 95% submittal)
  - Representative Cross Sections (15 meter Intervals)
  - Order Forms for State-Furnished Materials and Signs
  - Quality Control Statement

## **Structural Design**

### **A. General Requirements**

1. CONSULTANT shall prepare and deliver to SANBAG all plans, specifications, and estimates for the structures on the Project. SANBAG will forward said documents to CALTRANS DIVISION OF STRUCTURES (DOS) for their review and approval. All CONSULTANT prepared plans, specifications, quantity calculations, and estimates shall be prepared in English units and conform to CALTRANS requirements.
2. Each design shall be independently checked by a qualified engineer who is registered in the State of California. Each plan sheet shall show the name of the engineer who performed the independent check.
3. The calculations for both the design and independent design check shall be submitted as part of the PS&E submittal. The respective calculations shall bear the State of California Registered Professional Engineer registration seal with the signature, license number and registration certificate expiration date of the design engineer and independent check engineer.

### **B. Preliminary Design Review**



1. CONSULTANT shall review the as-built drawings of all existing bridge structures within the project vicinity.
2. CONSULTANT shall perform site surveys as necessary to determine existing conditions and topography and also to establish or verify construction survey controls.

C. Plans, Specifications, and Estimates

1. General

All plans, specifications, quantity calculations, and estimates shall conform to CALTRANS requirements and shall be made available to SANBAG/CALTRANS for review and approval at stages specified in the milestone schedule and upon request by SANBAG's Contract Manager or designee.

2. Special Provisions

CONSULTANT shall prepare project specific Structure Special Provisions in accordance with the Caltrans Plans, Specification and Estimates Guide. The Structure Special Provisions shall bear the State of California Registered Professional Engineer registration seal with the signature, license number and registration certificate expiration date of the Engineer who prepared the special provisions or the Engineer under whose direction they were prepared. A list of contract items with item descriptions, item numbers, units of pay, and item pay codes, but without quantities or estimated unit costs, shall be included in the front of the special provisions.

3. Estimate

CONSULTANT shall prepare quantity calculations and develop unit costs for items that are applicable to this project and shall prepare the bride cost estimate, utilizing the CALTRANS Quantity summary and Estimate Forms. Quantities for all contract items, including cost of lump sum items, shall be substantiated by calculations. Quantity calculations shall be neat and orderly and shall show all sketches, diagrams and dimensions necessary to allow them to be independently used by field engineers. All quantity calculations shall be independently checked and substantiated with independent calculations.

4. Structure Design

CONSULTANT shall prepare project specific Structure Special Provisions in accordance with the Caltrans Plans, Specification and Estimates Guide. The Structure Special Provisions shall bear the State of California Registered Professional Engineer registration seal with the signature, license number and registration certificate expiration date

5. Deliverables.

As required, the following submittals shall be delivered to SANBAG. The specific number of plans, estimates, and reports shall be determined prior to submittal.

a. General Plan/Type Selection

CONSULTANT shall prepare and submit a general plan for the specialty structures. No further design work will be performed until DOS and SANBAG require a Type Selection Report. If necessary, a Type Selection Review Meeting will be held in Sacramento, in which CONSULTANT shall be prepared to discuss and provide information on foundation requirements, hydrological requirements, falsework requirements, seismic and aesthetic considerations, traffic handling, construction cost, and other pertinent information that is needed to determine the proper structure type.

A Type Selection Review Meeting will be scheduled a minimum of 2 weeks following the receipt of the Type Selection Report which consists of the proposed General Plan, General Plan Estimate, Type Selection Memo, Vicinity Map, and Project Seismic Design Criteria. The results of the meeting will be summarized in writing to the CONSULTANT within 2 weeks following the meeting. Within 2 weeks after receiving written approval of the proposed General Plan and structure type, the CONSULTANT shall furnish OSFP with rescued copies of the approved General Plan. The number of copies will be determined at time of submittal.

**Sound Walls**

- A. CONSULTANT shall prepare a sound wall plan. A Sound wall plan shall provide the location, length, height, typical sections, log of borings, and material and cost estimate calculations.
- B. CONSULTANT shall make provisions in the sound wall plan, specifications, quantity calculations, and estimates for one alternative construction method.
- C. CONSULTANT shall update right of way requirements, as needed to incorporate temporary construction easements for sound wall.
- D. CONSULTANT shall prepare independent sound wall plans, specifications, quantity calculations, and estimates for construction of the walls along the Golden West Dr. bluff.

**Retaining Walls**

- A. CONSULTANT shall be required to prepare all retaining wall plans. Said plans shall include wall location, height, typical sections, log of test borings, and material and cost estimate calculations. The extent of retaining wall construction shall be determined during the review of preliminary roadway engineering.
- B. CONSULTANT shall update right of way requirements, as needed to incorporate temporary construction easements for retaining walls.
- C. All required retaining walls are anticipated to be standard type CALTRANS walls found in

CALTRANS Standard Plans. CONSULTANT shall notify SANBAG immediately upon determination that a non-standard retaining wall will be required for the Project.

## **Drainage Design**

### **A. General Requirements**

1. CONSULTANT shall be responsible for the design, including hydrologic computations of all drainage facilities necessary to provide adequate drainage of the Project, including pavement drainage, runoff generated within the Project Area, inflows from watersheds beyond the Project, and interim drainage during construction. Except where specified herein, all plans, specifications, quantity calculations, estimates, and reports shall be in English units and conform to CALTRANS requirements. Where conflicts in methodology occur, CONSULTANT shall notify SANBAG immediately for resolution.
2. All reports shall be prepared by a qualified Civil Engineer who is registered in the State of California, and shall bear the State of California Registered Professional Engineer registration seal with his signature, license number, and registration certificate expiration date of the Engineer responsible for the preparation.

### **B. Permits**

CONSULTANT will prepare exhibits required to assist SANBAG in obtaining any permits and construction/maintenance agreements.

### **C. Hydrology Reports**

#### **1. Off-site Hydrology Report**

- a. CONSULTANT shall prepare an off-site hydrology report for the Project. The report shall be prepared in English units and conform to CALTRANS standards.
- b. Layout plans identify the location of existing and, if necessary, proposed drainage facilities shall be included within the report.
- c. The report shall be submitted to SANBAG and CALTRANS for review. Comments generated from these reviews will be returned to CONSULTANT for incorporation into the final plan. The number of copies of the report shall be determined prior to submittal.

#### **2. On-site Hydrology Report**

- a. CONSULTANT shall provide an on-site hydrology report for the Project. The report shall be prepared in English units and conform to CALTRANS standards.
- b. Layout plans identifying location of proposed drainage facilities shall be included within the report.
- c. The report shall be submitted to SANBAG and CALTRANS for review. Comments generated from these reviews will be returned to CONSULTANT for incorporation into the final plan. The number of copies of the report shall be

determined prior to submittal.

#### D. Reports and Plans

##### 1. General

- a. CONSULTANT shall update right of way requirements as needed to incorporate drainage and temporary construction easements for drainage facilities.
- b. Conflicts with other utilities, including other drainage facilities, shall be identified in plan and profile.

##### 2. Drainage Report and Plans

- a. Following CALTRANS and other agency review of the off-site and on-site hydrology reports, the CONSULTANT shall perform hydraulic analysis for all of the drainage facilities on the Project. The corresponding drainage report shall be prepared in English units and shall incorporate updated hydrology calculations.
- b. Drainage plans and profiles of proposed drainage facilities shall be included within the report. Modifications to existing facilities shall identified on the plans.
- c. The drainage report shall be submitted to SANBAG and CALTRANS for review.

##### 3. Edge Drains

CONSULTANT shall prepare edge drain plans for the pavement structural section drainage system.

#### **Traffic Engineering**

CONSULTANT shall prepare the necessary traffic handling plans showing long-term closure of lanes, local road and highway detours, and number of available lanes. Included in these plans are stage construction, construction traffic handling and detours, signing, striping, lighting, and signal modifications as presented below:

##### A. Stage Construction

CONSULTANT shall prepare stage construction plans. Plans shall reflect the construction of all improvements identified on the plans. The plans shall include existing roadbeds, construction to be performed in the stage shown, traffic direction, number of lanes and future construction. CONSULTANT shall continually evaluate and update the stage construction plans during all phases of design.

##### B. Construction Traffic Handling Plans and Detours

1. CONSULTANT shall prepare a Traffic Management Plan. The plan shall conform to CALTRANS standards.
2. The Traffic Management Plan shall be submitted to SANBAG and CALTRANS for review. Comments generated from this review will be returned to CONSULTANT for incorporation into the final plan. The number of copies of the plan shall be determined prior to submittal.
3. CONSULTANT shall prepare traffic handling plans which show long-term closure of lanes, detours and number of available lanes. Included in these plans are signing, striping, and modifications. CONSULTANT shall continually evaluate and update the traffic handling plans during the design process.
4. CONSULTANT shall update right of way requirements as needed to incorporate temporary construction easements for traffic detours.

C. Signing Plans

CONSULTANT shall prepare final plans, specifications, and estimates for signing plans including layouts showing the locations of roadside and overhead signs, special sign details, lighting, and any structural or foundation requirements in accordance with applicable standards and design criteria. Any requirements for electrical service shall be coordinated with the local electric utility by CONSULTANT.

D. Pavement Delineation Plans

CONSULTANT shall prepare final plans, specifications, and estimates for pavement delineation in accordance with applicable CALTRANS standards and design criteria.

E. Electrical Plans

CONSULTANT shall prepare final plan, specifications, and estimates for electrical plans including layouts showing lighting standard and conduit locations, other lighting appurtenances, and any structural or foundation requirements in accordance with applicable standards and design criteria. Any requirements for electrical service shall be coordinated with the local electric utility by CONSULTANT.

**D. FURNISHED MATERIALS**

SANBAG will provide CONSULTANT with a copy of the draft PR/PSR, upon approval final PR/PSR, the environmental document, the mandatory and advisory fact sheets, and the GADs.

**E. ADMINISTRATION**

**SANBAG Project Management and Administration**

A As part of their management activities SANBAG shall:

1. Conduct ongoing reviews of CONSULTANT's progress in performing the work and furnish technical comments in a timely manner.
2. Review certain types of correspondence such as, work requests to subconsultants, initial contact letters, sensitive correspondence, and other letters as necessary.
3. Coordinate the distribution of public information.
4. Review CONSULTANT's Quality Control Plan and CONSULTANT's conformance to its Quality Control Plan.
5. Provide a focal-point contact for all questions, requests, and submittals.
6. Review the Project Control documents (including subconsultants) submitted by CONSULTANT to ensure their understanding of the level of information required, reporting procedures, report cycle, and the intended use of each.
7. Review CONSULTANT's detailed Critical Path Method (CPM) Logic Network Schedule; note any additions, deletions, or other changes; and return it to CONSULTANT with comments for revision.
8. Receive and review monthly progress reports from CONSULTANT.
9. Review with CONSULTANT, requests for change orders and/or extensions of time when such requests are determined to be necessary.
10. Have final review and approval over all contractual payments and changes.

**CONSULTANT Project Management and Administration**

A. CONSULTANT management activities include, but are not limited to:

1. Maintaining suitable office facilities to serve as the Contract office for the duration of the Contract in the location specified in CONSULTANT's proposal.

2. Maintaining an adequate staff of qualified support personnel to perform the work necessary to complete the Project.
  3. Establishing internal accounting methods and procedures acceptable to SANBAG for documenting and monitoring Contract costs.
  4. Providing cost-to-date, schedule, progress, staffing, and related data to SANBAG as a part of the regular monthly progress and payment process.
- B. CONSULTANT's work shall be performed and/or directed by those key personnel identified in their proposal. Any changes in the indicated key personnel shall be subject to prior review and approval by SANBAG in writing. Any change in CONSULTANT's officer-in-charge of the Services, as described in the General Terms and Conditions of this Contract, shall be subject to prior review and approval by SANBAG.
- C. Due to the nature and scope of the required services, it may be desirable for the CONSULTANT to subcontract portions of the Services. Adding Subconsultants to the original proposal team must be approved in writing by SANBAG prior to initiation of any Services. There could be instances whereby a subconsultant's portion of the project is greater than 49%. In the event this occurs, CONSULTANT shall bring it to SANBAG's attention immediately. SANBAG's Contract Manager will have the authority to grant exception. Throughout this effort CONSULTANT shall be the single source of contact and management of all subcontractors. Subcontractor management will include the coordination time required for all aspects of the Project including design, processing, and accounting.
- D. CONSULTANT shall provide to SANBAG copies of all written correspondence between CONSULTANT and any party pertaining specifically to the Project. Copies shall be furnished within five calendar days of receipt of said correspondence from any party, or five calendar days prior to mailing of correspondence to any party for review. CONSULTANT is also responsible for recording and distributing the minutes of all meetings pertaining to the Project at which CONSULTANT is present.
- E. CONSULTANT shall give written notice to SANBAG within seven (7) working days after CONSULTANT knows or should know of any cause or condition which might, under reasonable foreseeable circumstances, result in delay for which CONSULTANT may request an extension of time to complete Services.

#### **Project Controls**

- A. As part of the Project Controls effort CONSULTANT shall, at the introductory meeting, present SANBAG with samples of their proposed project control documents for SANBAG's review. These documents shall include, but are not limited to:
1. Bar Chart(s) Schedules
  2. Progress Curve(s)
  3. Sample Amendment Format
  4. Sample Narrative Format(s)

5. Sample Estimate Format(s)
  6. Earned Value Cost Report
- B. CONSULTANT's Project Control System shall be able to:
1. Determine the critical path for the Services in Contract.
  2. Forecast dates for intermediate milestones and project completion.
  3. Provide a clear format to incorporate progress data on each activity.
  4. Provide reports showing actual progress compared to scheduled (planned) progress, and actual cost of services performed compared to (1) budgeted costs for services performed and (2) budgeted cost for services scheduled.
  5. Forecast possible delays and/or resource shortages.
  6. Provide a basis for preplanning, including resource usage to recover from delays, allow schedule improvement, or accommodate other changes in the work.
  7. Provide projected manpower requirements and dollar costs based on current performance.
  8. Provide current project cost estimate information.
  9. Provide all the estimates necessary to assist in confirming the construction budget.
- C. Within 15 working days (or as requested by SANBAG) of assignment of services the CONSULTANT shall submit to SANBAG for their review, a Bar Chart Schedule showing the Critical Path and identifying all Project development activities and milestones. SANBAG will review these documents and return them to CONSULTANT with notes and comments as soon as possible in order to validate the planning and cost control procedures within the first calendar month of performance period.
- D. As the Contract work progresses, CONSULTANT may discover the need to change the schedule to improve productivity or accommodate new or changed conditions. Any proposed change to the schedule shall be presented to SANBAG for review and validation prior to incorporation in the schedule.
- E. CONSULTANT shall report in a timely manner, through correspondence or progress reports, whenever it appears that approved schedules will not be met whether or not the reasons are within the CONSULTANT's control. In the event the Scope and Schedule of the Services is modified, and the modified Schedule is approved by SANBAG, CONSULTANT shall submit a revised Milestone Schedule. CONSULTANT shall perform the Services in accordance with the latest approved revision Milestone Schedule.



## Monthly Progress Reports

- A. On a monthly basis, CONSULTANT shall prepare and submit to SANBAG a monthly status report that indicates the work progress achieved during the period. The report shall summarize the actual work progress compared with estimated progress and will identify problem areas, provide evaluations, recommendations and an outline on the process which CONSULTANT, and SANBAG will follow to rectify the problem(s). The progress report shall be submitted with the monthly invoice. As a minimum, the monthly report should address the following specific areas:
1. Time related Project status via a bar chart schedule
  2. Physical progress
  3. Amendment summary history
  4. Narrative status report
  5. Earned Value Report
  6. Graphical comparisons for actual progress vs. earned and planned progress for: physical (%complete), performance (hours complete) and cash flow.
- B. CONSULTANT shall have the ability to monitor and update its Detailed Project Control Schedule during the execution of the work and shall submit at each Progress Meeting, an updated four-week, horizon schedule to be used in monitoring the progress of the work.
- C. A Progress Meeting between CONSULTANT, CALTRANS, and SANBAG shall be held, at minimum, on monthly basis to discuss the design progress, potential problems, plans for the next period, and other progress issues. SANBAG and CALTRANS will establish with CONSULTANT the dates and times of these meetings. Three calendar days prior to each progress meeting, CONSULTANT shall provide SANBAG with a typewritten agenda for the meeting. CONSULTANT shall prepare typewritten meeting minutes and submit them to SANBAG and CALTRANS within seven calendar days after the meeting. The minutes shall indicate issues discussed and the resolution or action required to resolve any issues.
- D. Project Coordination Meetings may be called by SANBAG, CALTRANS or the CONSULTANT at any time that any party requires discussion of Project issues. CONSULTANT shall prepare minutes of the meeting and submit them to SANBAG and CALTRANS.

## Quality Assurance

- A. CONSULTANT has **total responsibility** for the accuracy and completeness of all deliverables and any other work assigned to CONSULTANT. All services and deliverables furnished under this Scope of Services shall meet that responsibility through the implementation of a Quality Assurance Plan. CONSULTANT's Quality Assurance Plan shall be in effect throughout the entire Contract and, at minimum, shall establish the process necessary to ensure the following:

1. All deliverables and services shall be provided in a professional manner and meets the standards set forth herein.
  2. CONSULTANT shall maintain a set of Project files that are indexed in accordance with CALTRANS' Project Development Uniform File System.
- B. CONSULTANT shall submit to SANBAG within 30 calendar days after receipt of Notice to Proceed two copies of their Quality Assurance Plan. SANBAG will review the plan established by CONSULTANT to determine if quality assurance procedures are adequate and appropriate to the complexity of the Project requirements. Review comments will be returned to CONSULTANT within 14 calendar days. If appropriate, the revised plan, which incorporates the comments of SANBAG, should be resubmitted within seven calendar days of receipt of comments.
- C. Evidence that the Quality Assurance Plan is functioning will be periodically confirmed by SANBAG. Deliverables that do not conform to the approved plan will be returned to CONSULTANT without review by SANBAG.

#### **Reproduction Services**

CONSULTANT shall provide the reproduction services required for the Project inclusive of the number of individual sets to be delivered for the submittal tasks outlined in this Scope of Services.

#### **Submittal and Reviews**

- A. Reports prepared by CONSULTANT shall be submitted in draft form, and opportunity provided for SANBAG and CALTRANS to review and direct revisions prior to formal submittal. If so requested by SANBAG and CALTRANS, CONSULTANT shall make other submittals in draft form to provide opportunity for review and revisions.
- B. If CONSULTANT fails to submit the required deliverable items set forth in this Scope of Services, SANBAG shall have the right to withhold payment and/or terminate CONSULTANTS contract in accordance with the provisions entitled "Termination" included in this Contract.

# CORRIDOR MOBILITY IMPROVEMENT ACCOUNT

## Project Fact Sheet

<b>Lead Agency: San Bernardino Associated Governments (SANBAG)</b>					<b>Fact Sheet Date: 05/03/07</b>		
<b>Contact Person</b>		Darren Kettle, Director of Freeway Construction					
<b>Phone Number</b>		909-884-8276		<b>Fax Number</b>		909-885-4407	
<b>Email Address</b>		dkettle@sanbag.ca.gov					
<b>Project Information:</b>							
<b>County</b>	<b>Caltrans District</b>	<b>PPNO *</b>	<b>EA *</b>	<b>Region/MPO/ TIP ID*</b>	<b>Route / Corridor *</b>	<b>Post Mile Back *</b>	<b>Post Mile Ahead *</b>
Sbd	8	1132L	0F150	200434	10	33.3	36.9
* NOTE: PPNO & EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO. Route/Corridor & Post Mile Back/Ahead used for State Highway System.							
<b>Legislative Districts</b>		Senate: 31			Congressional: 40		
		Assembly: 63, 65					
<b>Implementing Agency (by component)</b>		E&P (PA&ED): SANBAG			PS&E: SANBAG		
		RAW: SANBAG			CON: SANBAG		
<b>Project Title</b>		I-10 Westbound Mixed Flow Lane Addition					
<b>Location - Project Limits - Description and Scope of Work</b> (Provide a project location map on a separate sheet and attach to this form) On I-10 in Redlands and Yucaipa - Construct one westbound mixed flow lane from west of Live Oak Canyon Road Interchange to east of Ford Street overcrossing. The project: - Is included in the 2004 SCAG RTP as a gap closer - to reduce commuter delay between population rich and employment rich areas. - Improves California economic competitiveness and quality of life by reducing congestion for consumer and commercial vehicles.							
<b>Description of Major Project Benefits</b>							
<b>Daily Vehicle Hours of Delay Saved</b>		868 Hrs.					
<b>Daily Peak Hour Person-Minutes Saved</b>		69,194 Min.					
- Provides capacity to accommodate future growth to one of the fastest growing areas in the region. - Improves a choke point by eliminating merge conflicts. - Extends the existing mixed flow lane to major access points. - Without improvement, delay will continue to increase as land development continues to infill the urbanized area.							
<b>Other:</b>							
<b>Corridor System Management Plan</b>							
<b>Lead Agency:</b>						Caltrans	
<b>Plan Adoption Date:</b>						May-08	
<b>Plan Implementation Date:</b>						Jun-08	
N/A							
<b>Project Delivery Baseline (Milestones)</b>						Month/Year	
Begin Environmental Phase (PA&ED)						Jul-04	
Draft Environmental Document Milestone		Document Type: CE/CE				Dec-07	
Draft Project Report Milestone						Aug-07	
End Environmental Phase (PA&ED Milestone)						Aug-07	
Begin Design Phase						Oct-09	
End Design Phase (Plans, Specifications, and Estimates Milestone)						Aug-07	
Begin Right-of-Way						Oct-09	
End Right-of-Way (Right-of-way Certification Milestone)						Jan-10	
Begin Construction Phase							

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority  
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

*Minute Action*

AGENDA ITEM: 7

**Date:** August 9, 2007

**Subject:** Amendment No. 5 to Cooperative Agreement No. 95-065 with San Bernardino County Real Estate Services for right of way acquisition services

**Recommendation:\*** 1. Approve Amendment No. 5 to Cooperative Agreement No. 95-065 with San Bernardino County Real Estate Services for right of way acquisition services extending the period of performance through December 31, 2009 and increasing the not to exceed amount by \$500,000 for a new agreement total of \$1.641 million as described in the financial impact section below, and

2. Amend the 2007/08 SANBAG Budget increasing revenues and expenditures in the amount of \$250,000 in TN 82208000, \$150,000 TN 87080000, and \$100,000 in TN 81508000. Funding sources include Measure I Valley Major Projects and State Traffic Congestion Relief Program (TCRP) funds.

**Background:** **This is an amendment to an existing cooperative agreement.** In July 1995, SANBAG entered into Cooperative Agreement no 95-065 with the San Bernardino County Real Estate Services Department (RESO) to provide right of way acquisition support for the SR 30/210 projects on an as-needed basis. In November 2002 SANBAG amended this cooperative agreement to expand the scope of work to include other projects including the State Street/University Parkway and Hunts Lane railroad grade separation projects, and other SANBAG

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*Approved*  
*Major Projects Committee*

*Date: August 9, 2007*

*Moved: Second:*

*In Favor: Opposed: Abstained:*

*Witnessed: \_\_\_\_\_*

mpe0708f-dmk  
81508000  
82208000  
87008000

Freeway projects. The County RESD has performed exceptionally well providing sound technical advice and counsel as well as virtual immediate responsiveness.

The right of way activities on both the mainline SR 210 project and the State Street/University Parkway grade separation are complete. The next phase of work for the Hunts Lane Grade separation project, now that National Environmental Policy Act (NEPA) environmental clearance is final, will be right of way acquisition that will include both full fee takes as well as temporary construction easements. Also within the last month the 210 to 215 high-speed connectors received environmental clearance which now allows SANBAG and Caltrans to proceed with right of way acquisition for this project. While it is expected that Caltrans will be responsible for right of way acquisition for the 210/215 connectors that will eventually become State right of way, Caltrans is lacking staff resources to accomplish right of way acquisition for the local street realignments that are part of the project. SANBAG would anticipate using County RESD for those activities.

***Financial Impact:*** This action is not consistent with the 2007/08 Budget and does require a budget amendment. Amend the 2007/08 SANBAG Budget increasing revenues and expenditures in the amount of \$250,000 in TN 82208000, \$150,000 TN 87080000, and \$100,000 in TN 81508000. Funding sources include Measure I Valley Major Projects and State Traffic Congestion Relief Program (TCRP) funds. TN 82208000, TN 87008000, and TN 81508000


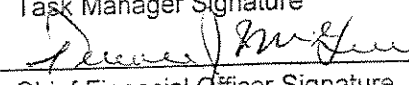
***Reviewed By:*** This item will be reviewed by the Major Projects Committee on August 9, 2007.

***Responsible Staff:*** Darren Kettle, Director of Freeway Construction

mpc0708f-dmk  
81508000  
82208000  
87008000

SANBAG Contract No. 95-065-05  
by and between  
San Bernardino County Transportation Authority  
and  
County of San Bernardino  
for  
Right of Way Services

FOR ACCOUNTING PURPOSES ONLY				
<input checked="" type="checkbox"/> Payable <input type="checkbox"/> Receivable	Vendor Contract # _____ Vendor ID _____	Retention: <input type="checkbox"/> Yes _____ %   X No	<input type="checkbox"/> Original <input checked="" type="checkbox"/> Amendment	
Notes:				
Original Contract:      \$ <u>1,141,000</u>		Previous Amendments Total:      \$ <u>0</u>		
Contingency Amount:      \$ _____		Previous Amendments Contingency Total:      \$ _____		
		Current Amendment:      \$ <u>500,000</u>		
		Current Amendment Contingency:      \$ _____		
Contingency Amount requires specific authorization by Task Manager prior to release.				
Contract TOTAL →				\$ <u>1,641,000</u>
↓ Please include funding allocation for the original contract or the amendment.				
Task	Cost Code	Funding Sources	Grant ID	Amounts
<u>822</u>	_____	<u>Measure I</u>	_____	\$ <u>350,000</u>
<u>870</u>	_____	<u>TCRP</u>	_____	\$ <u>150,000</u>
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
Original Board Approved Contract Date: <u>07/11/95</u> Contract Start: <u>07/11/95</u> Contract End: <u>12/3/06</u>				
New Amend. Approval (Board) Date: <u>09/05/07</u> Amend. Start: <u>09/05/07</u> Amend. End: <u>12/31/09</u>				
If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:				
Approved Budget Authority →	Fiscal Year: <u>07/08</u> \$ <u>300,000</u>		Future Fiscal Year(s) – Unbudgeted Obligation →	\$ <u>200,000</u>
Is this consistent with the adopted budget?    Yes    X No				
If yes, which Task includes budget authority? _____				
If no, has the budget amendment been submitted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
CONTRACT MANAGEMENT				
Please mark an "X" next to all that apply:				
<input checked="" type="checkbox"/> Intergovernmental <input type="checkbox"/> Private <input type="checkbox"/> Non-Local <input type="checkbox"/> Local <input type="checkbox"/> Partly Local				
Disadvantaged Business Enterprise: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes _____%				
Task Manager: <b>Darren Kettle</b>			Contract Manager: <b>Arlis Childs</b>	

      8/2/07  
 Task Manager Signature      Date  
      8/2/07  
 Chief Financial Officer Signature      Date

\_\_\_\_\_  
 Contract Manager Signature      Date

**SANBAG Contract No. 95-065**

**Amendment No. 5**

**By and Between**

**San Bernardino County Transportation Authority**

**And**

**County of San Bernardino**

**For**

**Right of Way Services**

Whereas, SANBAG Contract No. 95-065 was entered into between San Bernardino County Transportation Authority (AUTHORITY) and the County of San Bernardino on July 11, 1995, for Right of Way Services, State Route 210; and,

WHEREAS, additional time and funds are needed to complete the project;

NOW, THEREFORE, AUTHORITY Contract No. 95-065 is hereby amended as follows:

1. Extend the completion date of this contract to December 31, 2009.
2. Under Section II, Article 7; the maximum not to exceed cost will be increased to \$1,641,000.
3. All other provisions and terms of this contract shall remain the same.

San Bernardino  
County Board of Supervisors

By: \_\_\_\_\_

Date: \_\_\_\_\_

San Bernardino  
County Transportation Authority

By: \_\_\_\_\_  
Lawrence E. Dale  
President, SANBAG Board of  
Directors

Date: \_\_\_\_\_

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Jean-Rene Basle  
SANBAG Counsel

Date: \_\_\_\_\_

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
- San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

## *Minute Action*

AGENDA ITEM: 8

**Date:** August 9, 2007

**Subject:** Amendment No. 1 to Contract No. 03-037 with Terry Haines for right of way consultant services.

**Recommendation:\*** Approve Amendment No. 1 to Contract No. 03-037 with Terry Haines for right of way consultant services increasing the not to exceed amount of by \$75,000 for a new contract total of \$150,000 as described in the financial impact section below.  
TN 81508000

**Background:** **This is an amendment to an existing contract.** In December 2002, SANBAG entered into contract 03-037 with Mr. Terry Haines for right of way acquisition consultant services to serve as SANBAG's right of way "trouble shooter" for SANBAG projects that required Caltrans to acquire right of way. Prior to serving SANBAG as an independent contractor, Mr. Haines was a highly competent and respected member of Caltrans District 8 right of way staff. Mr. Haines has had an especially strong and cooperative relationship with SANBAG staff over the years and has maintained the respect and relationships with his former Caltrans colleagues.

While the term of this contract is indefinite, the funds for the contract have been exhausted. The last two years have seen relatively limited right of way acquisition activities but that will be changing over the next two years as Caltrans

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*Approved*  
*Major Projects Committee*

*Date: August 9, 2007*

*Moved: Second:*

*In Favor: Opposed: Abstained:*

*Witnessed: \_\_\_\_\_*



undertakes an aggressive right of way delivery effort for the Interstate 215 Freeway widening project through San Bernardino. Right of way acquisition is the critical path item for the I-215 project with over 200 parcels needing to be acquired. The scope of services to be provided by Mr. Haines include appraisal review, overall acquisition process monitoring, preparation of Resolutions of Necessity, preparation of Right of Entry, review scheduling, participate in acquisition negotiations, and any other activity to ensure that aggressive delivery schedules will be met.

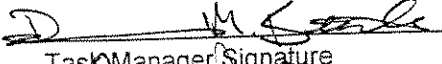
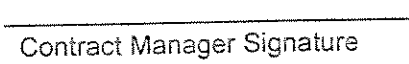
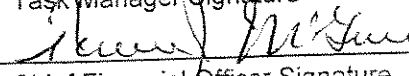
***Financial Impact:*** This action is consistent with the 2007/08 Budget and does not require a budget amendment. TN 81508000

***Reviewed By:*** This item will be reviewed by the Major Projects Committee on August 9, 2007.

***Responsible Staff:*** Darren Kettle, Director of Freeway Construction

SANBAG Contract No. 03-037-01  
by and between  
San Bernardino County Transportation Authority  
and  
Terry Haines  
for  
Right of Way Services

FOR ACCOUNTING PURPOSES ONLY				
<input checked="" type="checkbox"/> Payable <input type="checkbox"/> Receivable	Vendor Contract # _____ Vendor ID _____	Retention: <input type="checkbox"/> Yes _____ % <input checked="" type="checkbox"/> No	<input type="checkbox"/> Original <input checked="" type="checkbox"/> Amendment	
Notes:				
Original Contract:      \$ 75,000  Contingency Amount:    \$ _____	Previous Amendments Total:      \$ 0 Previous Amendments Contingency Total:    \$ _____ Current Amendment:                  \$ 75,000 Current Amendment Contingency:        \$ _____  Contingency Amount requires specific authorization by Task Manager prior to release.			
Contract TOTAL →				\$ 150,000
↓ Please include funding allocation for the original contract or the amendment.				
<u>Task</u>	<u>Cost Code</u>	<u>Funding Sources</u>	<u>Grant ID</u>	<u>Amounts</u>
815	_____	Measure I	_____	\$ 75,000
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
Original Board Approved Contract Date:    12/04/02    Contract Start: 12/04/02    Contract End: indefinite New Amend. Approval (Board) Date:        09/05/07    Amend. Start: 09/12/07    Amend. End: indefinite				
<b>If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:</b>				
Approved Budget Authority →	Fiscal Year: 07/08 \$ 50,000		Future Fiscal Year(s) – Unbudgeted Obligation →	\$ 25,000
Is this consistent with the adopted budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, which Task includes budget authority? _____ If no, has the budget amendment been submitted? <input type="checkbox"/> Yes <input type="checkbox"/> No				
CONTRACT MANAGEMENT				
Please mark an "X" next to all that apply:				
Intergovernmental <input checked="" type="checkbox"/> Private <input type="checkbox"/> Non-Local <input type="checkbox"/> Local <input type="checkbox"/> Partly Local				
Disadvantaged Business Enterprise: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes _____ %				
Task Manager: <b>Darren Kettle</b>			Contract Manager: <b>Arlis Childs</b>	

<u></u> Task Manager Signature	<u>8-2-07</u> Date	<u></u> Contract Manager Signature	_____ Date
<u></u> Chief Financial Officer Signature	<u>8/2/03</u> Date		

**SANBAG Contract No. 03-037, Amendment No. 1**

**By and Between**

**San Bernardino County Transportation Authority**

**And**

**Terry Haines**

**For**

**Right of Way Services**

Whereas, SANBAG Contract No. 03-037 was entered into between San Bernardino County Transportation Authority (AUTHORITY) and the County of San Bernardino on December 4 2002, for Right of Way Acquisition Services; and,

WHEREAS, additional funds are needed to complete the project;

NOW, THEREFORE, AUTHORITY Contract No. 03-037 is hereby amended as follows:

1. Under Article 4; the maximum not to exceed cost will be increased to \$150,000.
2. Under articles 2 and 4; CONTRACTOR billing rate shall be increased to \$85.00 per hour.
3. All other provisions and terms of this contract shall remain the same.

San Bernardino  
County Board of Supervisors

San Bernardino  
County Transportation Authority

By: \_\_\_\_\_

By: \_\_\_\_\_  
Lawrence E. Dale  
President, SANBAG Board of  
Directors

Date: \_\_\_\_\_

Date: \_\_\_\_\_

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Jean-Rene Basle  
SANBAG Counsel

Date: \_\_\_\_\_

## SANBAG Acronym List

1 of 2

AB	Assembly Bill
ACE	Alameda Corridor East
ACT	Association for Commuter Transportation
ADA	Americans with Disabilities Act
APTA	American Public Transportation Association
AQMP	Air Quality Management Plan
ATMIS	Advanced Transportation Management Information Systems
BAT	Barstow Area Transit
CAC	Call Answering Center
CALACT	California Association for Coordination Transportation
CALCOG	California Association of Councils of Governments
CALSAFE	California Committee for Service Authorities for Freeway Emergencies
CALTRANS	California Department of Transportation
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CHP	California Highway Patrol
CMAQ	Congestion Mitigation and Air Quality
CMP	Congestion Management Program
CNG	Compressed Natural Gas
COG	Council of Governments
CSAC	California State Association of Counties
CTA	California Transit Association
CTAA	Community Transportation Association of America
CTC	California Transportation Commission
CTC	County Transportation Commission
CTP	Comprehensive Transportation Plan
DMO	Data Management Office
DOT	Department of Transportation
E&H	Elderly and Handicapped
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EPA	United States Environmental Protection Agency
ETC	Employee Transportation Coordinator
FEIS	Final Environmental Impact Statement
FHWA	Federal Highway Administration
FSP	Freeway Service Patrol
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GFOA	Government Finance Officers Association
GIS	Geographic Information Systems
HOV	High-Occupancy Vehicle
ICMA	International City/County Management Association
ICTC	Interstate Clean Transportation Corridor
IEEP	Inland Empire Economic Partnership
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
IIP/ITIP	Interregional Transportation Improvement Program
ITS	Intelligent Transportation Systems
IVDA	Inland Valley Development Agency
JARC	Job Access Reverse Commute
LACMTA	Los Angeles County Metropolitan Transportation Authority
LNG	Liquefied Natural Gas
LTF	Local Transportation Funds
MAGLEV	Magnetic Levitation
MARTA	Mountain Area Regional Transportation Authority
MBTA	Morongo Basin Transit Authority
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
MIS	Major Investment Study
MOU	Memorandum of Understanding

## SANBAG Acronym List

2 of 2

MPO	Metropolitan Planning Organization
MSRC	Mobile Source Air Pollution Reduction Review Committee
MTP	Metropolitan Transportation Plan
NAT	Needles Area Transit
OA	Obligation Authority
OCTA	Orange County Transportation Authority
OWP	Overall Work Program
PA&ED	Project Approval and Environmental Document
PASTACC	Public and Specialized Transportation Advisory and Coordinating Council
PDT	Project Development Team
PPM	Planning, Programming and Monitoring Funds
PSR	Project Study Report
PTA	Public Transportation Account
PVEA	Petroleum Violation Escrow Account
RCTC	Riverside County Transportation Commission
RDA	Redevelopment Agency
RFP	Request for Proposal
RIP	Regional Improvement Program
ROD	Record of Decision
RTAC	Regional Transportation Agencies' Coalition
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agencies
SB	Senate Bill
SAFE	Service Authority for Freeway Emergencies
SANBAG	San Bernardino Associated Governments
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCRRA	Southern California Regional Rail Authority
SED	Socioeconomic Data
SHA	State Highway Account
SHOPP	State Highway Operations and Protection Program
SOV	Single-Occupant Vehicle
S RTP	Short Range Transit Plan
STAF	State Transit Assistance Funds
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
TAC	Technical Advisory Committee
TCM	Transportation Control Measure
TCRP	Traffic Congestion Relief Program
TDA	Transportation Development Act
TEA	Transportation Enhancement Activities
TEA-21	Transportation Equity Act for the 21 <sup>st</sup> Century
TIA	Traffic Impact Analysis
TMC	Transportation Management Center
TMEE	Traffic Management and Environmental Enhancement
TOC	Traffic Operations Center
TOPRS	Transit Operator Performance Reporting System
TSM	Transportation Systems Management
USFWS	United States Fish and Wildlife Service
UZAs	Urbanized Areas
VCTC	Ventura County Transportation Commission
VVTA	Victor Valley Transit Authority
WRCOG	Western Riverside Council of Governments

# ***San Bernardino Associated Governments***



## **MISSION STATEMENT**

To enhance the quality of life for all residents,  
San Bernardino Associated Governments  
(SANBAG) will:

- Improve cooperative regional planning
- Develop an accessible, efficient,  
multi-modal transportation system
- Strengthen economic development  
efforts
- Exert leadership in creative problem  
solving

To successfully accomplish this mission,  
SANBAG will foster enhanced relationships  
among all of its stakeholders while adding  
to the value of local governments.

Approved June 2, 1993  
Reaffirmed March 6, 1996